19971122.qrp v00_n917.qrs.971122

Date: Sat, 22 Nov 1997 19:03:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 917

QRP-L Digest 917

Topics covered in this issue include:

  1) [31093] Tim W5FN Attention
     by flydnq7x@primenet.com (Floyd Smithberg)
  2) [31094] Clarification on LI/NJ-QRP Doghouse Operation Sprint
     by "Kevin F. Glynn" <kfglynn@prodigy.net>
  3) [31095] Re: qrp 6meters?
     by Stephen John Farthing <stephen@stevef.demon.co.uk>
  4) [31096] Interesting phenomenon
     by Vic Rosenthal <rakefet@rakefet.com>
  5) [31097] Re: SOS message
     by mikemo@ibm.net
  6) [31098] Re: Building a Bug/LI/NJ-QRP Doghouse Operation Sprint
     by "Frank A. West" <ke6vhm@earthlink.net>
  7) [31099] Re: 40m realignment apparently put on 2001 WRC schedule :(
     by Monte Stark <ku7y@sage.dri.edu>
  8) [31100] Re: K5FO the Novice
     by "Mike B. Allred" <mallred@fscu.org>
  9) [31101] Re: What's the best balun?
     by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
 10) [31102] Solar summary 11-21
     by Paul Harden <pharden@aoc.nrao.edu>
 11) [31103] 10 M and 6 M Beacons
     by n4so@juno.com (charles k brown)
 12) [31104] Re: QST Page 58
     by w4bws@juno.com (Donald E Sanders)
 13) [31105] N/T+ Foxhunt of 17 NOV 0200-0400 UTC
     by ARDUJENSKI@aol.com
 14) [31106] 17,000 MILES/WATT!!!
     by ARDUJENSKI@aol.com
 15) [31107] re: Very Sad News -- Source Identification
     by Tom Norris <badger@telalink.net>
 16) [31093] Re: Interesting phenomenon
     by "J. Skalski" <jskalski@acsu.buffalo.edu>
 17) [31094] RE: Norcal paddles spacing
     by Steve Miller <kg7pv@teleport.com>
 18) [31095] Re: PhD
     by Lynn Geitgey <lgeitgey@kumc.edu>
 19) [31096]

by rsorge@phoenix.net
20) [31097] Re: FOX: N/T Fox Tonite (Fri)
by Lynn Simons <lsimons1@ix.netcom.com>
21) [31098] Thanks, Balun Summary
by "Kelly Ellison" <kelman@dialnet.net>
22) [31093] Weird! QRM help please....
by Jess Gypin <jessqrp@concentric.net>
23) [31093] RE: 17,000 MILES/WATT!!!
by Dan Dobson <ddobson@iei.net>
24) [31094] Caribbean DX
by Joel Malman <malman@BBN.COM>
25) [31095] Your Nov / Tech Night (Nov 22 UTC)
by Bill Howell <bhowell@mail.utexas.edu>
26) [31096] LDG QRP Tuner experience
by NilsBull@aol.com
27) [31097] AARGH!!!
by kb0rol@juno.com (Bradley L Mugleston)
28) [31098] Stuff for Sale
by Kory Hamzeh <kory@avatar.com>
29) [31099] Re: 40m realignment apparently put on 2001 WRC schedule :(
by Jim Parsons <k5rov@worldnet.att.net>
30) [31093] Re: SOS message
by "Daniel L. Evans" <dlevans@hsonline.net>
31) [31093] Re: EXTREMELY Sad News
by Bill Todd <bill@techline.com>
32) [31093] Re: N6RJ Second OP
by frasche@torino.ALPcom.it (f. schellenbaum)
33) [31094] Re: SOS message
by "david's" <elim@ime.net>
34) [31095] Artic Flutter on 40m signals this a.m.
by Steve Galchutt <n0tu@webaccess.net>
35) [31096] Re: Dog House
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
36) [31097] Re: 12 MHz xtal filters
by bruce muscolino <w6toy@pop.erols.com>
37) [31098] Re: Parenting/Elmering
by Paul Helbert <phelbert@rica.net>
38) [31099] Re: EXTREMELY Sad News
by gregoire@endor.com
39) [31100] Re: EXTREMELY Sad News
by kv7g@juno.com
40) [31100] Re: FS enclosure sizes
by K5BDZ@aol.com
41) [31101]
by Larry Adkins <wadkins@lets-go-camping.com>
42) [31102] Ade Weiss on S'het v. DC
by MNHopkins@aol.com
43) [31103] Re: Clarification on LI/NJ-QRP Doghouse Operation Sprint

by VE3JC John <jbcumming@wwdc.com>
44) [31104] 40 meter band realignment
by kq0i@juno.com (Mark R Milburn)
45) [31104] Re: EXTREMELY Sad News
by Bill Todd <bill@techline.com>
46) [31104] Re: EXTREMELY Sad News
by kt3a@juno.com
47) [31105] 17000 miles/watt
by Grant Bingeman <DrBingo@compuserve.com>
48) [31106] Re: EXTREMELY Sad News
by Stanley Wilson <microres@crl.com>
49) [31107] non-qrp
by kq0i@juno.com (Mark R Milburn)
50) [31108] Re: 17000 miles/watt
by Erv <kb8tnq@voyager.net>
51) [31109] Re: EXTREMELY Sad News
by Chris Trask <ctrask@primenet.com>
52) [31109] Re: Weird! QRM help please....
by nq2rp@juno.com (B/BAMS Club Station)
53) [31110] Re: EXTREMELY Sad News
by Chris Trask <ctrask@primenet.com>
54) [31111] Re: 17000 miles/watt
by "Ron Smith" <resmith@primenet.com>
55) [31112] Re: EXTREMELY Sad News
by Chris Trask <ctrask@primenet.com>
56) [31113] Re: Reverse TVI (IVT?)
by K5BDZ@aol.com
57) [31114] QRM mystery solved, thanks to the list!
by Jess Gypin <jessqrp@concentric.net>
58) [31115] matched 12 MHz xtal filters
by "J. Skalski" <jskalski@acsu.buffalo.edu>
59) [31116] Re: EXTREMELY Sad News
by ki7mn@dancris.com
60) [31117] Re: Benson's good & DC rcvr comments
by Leon Heller <leon@lfheller.demon.co.uk>
61) [31117] Re: CQ, QRZ ?
by K5BDZ@AOL.com
62) [31118] FS: more enclosures
by K5BDZ@aol.com
63) [31119] Re: Value of Ham Radio
by doug hauff <slmachco@fix.net>
64) [31120] Heath nut suckers
by Harvey Laidman <Harveyl@outadaloop.com>
65) [31121] Dum-de-dum-de-dum-de AL7FS
by "Jim, Nancy, Juliann, Issei" <larsennc@alaska.net>
66) [31122] Receiver Myths; DC and Superhet (long)
by "James R. Duffey" <jamesd1@flash.net>
67) [31122] Re: Ade Weiss on S'het v. DC

    by Sandy W5TVW <ebjr@worldnet.att.net>
68) [31122] Re: Navypapers shresdder
    by w4bws@juno.com (Donald E Sanders)
69) [31123] Re: SOS message
    by w4bws@juno.com (Donald E Sanders)
70) [31124] Re: Heath nut suckers
    by wb8ygg@juno.com (Bradley S. Mitchell)
71) [31125] FS: Wilderness Sierra w/KC-2
    by N3BJ@AOL.com
72) [31126] DH Sprint
    by Steven Weber <kd1jv@moose.ncia.net>
73) [31127] Re: Receiver Myths; DC and Superhet (long)
    by Laura HALLIDAY <ve7ldh@direct.ca>
74) [31128] Atlanta Hamfest
    by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
75) [31129] Yahoo!! Got my General today!!
    by mikemo@ibm.net
76) [31130] QRP kits
    by Tony Davee <tdavee@iglobal.net>
77) [31131] Re: Reverse TVI (IVT?)
    by w4bws@juno.com (Donald E Sanders)
78) [31132] Re: Yahoo!! Got my General today!!
    by Robert Parks <rob3ert@vegas.infi.net>
79) [31133] Dreaming de AL7FS
    by "Jim, Nancy, Juliann, Issei" <larsennc@alaska.net>
80) [31134] Machined Aluminum Enclosures
    by David Smith <qrpdave@ocsnet.net>
81) [31135] Machined Aluminum Enclosure
    by David Smith <qrpdave@ocsnet.net>
82) [31136] Seeking Argonaut 509 tech info
    by "(Parker) j@parker.reno.nv.us" <Pparker@greatbasin.net>
83) [31137] Re: Yahoo!! Got my General today!!
    by "Ron Smith" <resmith@primenet.com>
84) [31138] LI-NJ Etc. Doghouse Sprint - Results
    by Brian Kassel <bkassel@dancris.com>
85) [31139] Re: Benson's good & DC rcvr comments
    by K5BDZ@aol.com
86) [31140] Re: Dreaming de AL7FS
    by gsurrency@juno.com (Gary Surrency)
87) [31141] Doghouse Sprint 'test results
    by gsurrency@juno.com (Gary Surrency)
88) [31142] LI/NJ-QRP DOGHOUSE de AL7FS
    by "Jim, Nancy, Juliann, Issei" <larsennc@alaska.net>
89) [31142] QRP Hall of Fame nominations still open
    by Mike Czuhajewski <wa8mcq@u1.abs.net>
90) [31143] Fox
    by Ed <edn4pk@voyageronline.net>
91) [31144]

by n2beg@juno.com (Douglas E. Stewart)

Date: Fri, 21 Nov 1997 13:50:35 -0700
From: flydnq7x@primenet.com (Floyd Smithberg)
To: qrp-l@Lehigh.EDU
Subject: [31093] Tim W5FN Attention
Message-ID: <199711212050.NAA01904@smtp03.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I think I have four N to 239 connectors I heard you're looking for...still ned them?
73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343
ARRL ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=103

Date: Fri, 21 Nov 1997 15:36:48 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "NJ-QRP" <njqrp@njqrp.org>, "LIQRP" <liqrp@waterw.com>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [31094] Clarification on LI/NJ-QRP Doghouse Operation Sprint
Message-ID: <199711212037.PAA22696@pimout1-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi gang,

Just wanted to clear up some confusion. If you are a member of LIQRP or NJ-QRP then you will exchange RST <area code>x First_Name; i.e. I'd send 569 718X Kevin. If not a member please exchange area code without the x.

If you work a station with the x you will get more QSO points. One good thing is that we have many members around the country, so this will even things out a bit.

As far as calling CQ: i.e. CQ TST, CQ DOS, CQ WUF, I have not had an opportunity to speak to the members of both clubs, so, how about leaving it up to everyone. I see many forms of calling CQ or QRZ during contests, so since I didn't have the chance to discuss, let's go with want you want. I like CQ DOS.

CU tomorrow.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Fri, 21 Nov 1997 17:53:29 +0000
From: Stephen John Farthing <stephen@stevef.demon.co.uk>
To: qrp-l@Lehigh.EDU
Subject: [31095] Re: qrp 6meters?
Message-ID: <m5g53AAZqcd0EwGj@stevef.demon.co.uk>
MIME-Version: 1.0

>Same prnciples apply - the R1, R2, and miniR2 DC rx's by KK7B work
>equally well from1 to 500 Mhz
>
>
The winter project here is to put an R2T2 combination on 6 Meters. If someone has done this I would be interested in hearing about it. Most of all I need a VFO design for 6 Meters. At the moment my thoughts are to mix a 48 Meg Xtal (as I have one handy) Osc signal with a 2-4 Mhx VFO to derive the 50-52 Mhz needed. Alternativly in the latest RADCOM there is a Huff and Puff VFO for 5 Mhz which seems really simple to make. This as the input to a *10 multiplier chain would do. I am open to other ideas should anyone them.

BTW there is a 50MHz DC Transciever kit available from Sequence Electronics, and superhet ones from Hands and Welford Electronics. The Hands kits, IIRR, may be available from Bill at Kanga US.
--
Stephen John Farthing MBCS G0XAR
Melksham, Wiltshire UK
RSGB G-QRP 7766

Date: Fri, 21 Nov 1997 15:57:51 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31096] Interesting phenomenon
Message-ID: <34761FFF.3C8D3367@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have two antennas for 40 meters: a dipole at 50 feet (open-wire fed) and a 33' vertical with the base and 8 tuned radials at about 15 feet. I thought originally that the vertical would be better for DX and the dipole for closer stuff, but my experience was that --except for working directly off the ends of the dipole-- the dipole was almost always better, even for DX.

Last night, I was on 40 meters. It was maybe 0300, and the band was fading. I noticed that the vertical was significantly better for _everything_ that I was hearing, even a W9 in Indiana (1500 miles)! There was nothing wrong with the dipole; the tuning and SWR were normal. As the band got weaker, the difference increased.

What happened? My theory is that when the band is going out (or coming in), high angle waves are attenuated. So then, most of the signals that you can hear are coming in at low angles, and the vertical is better at low angles.

I had pretty much decided that the vertical was not worth much, and that the imperfect-ground suck-out vitiated the theoretical low-angle advantage. But I guess I'd better keep it around.

You antenna/propagation guys out there, what do you think?

Vic K2VCO
Fresno CA

Date: Fri, 21 Nov 1997 18:52:21 -0500
From: mikemo@ibm.net
To: slee@u.washington.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31097] Re: SOS message
Message-ID: <34761EB5.924@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

S. Lee wrote:
>
> Well whattayaknow....Dean, Mike, Ed, and the gang. On this date in
> 1877 Thomas Edison introduced his latest invention, the phonograph.

Hmmm, interesting trivia. Coincinence? I think not.....

I guess my gut reaction was right, i didn't think phonograph recorders
were standard issue in a radio room!

I guess I read too far in to the description of what it was. I'm no
longer impressed :-(

>From a drawing of the Titanic, it looks like the "marconi" antenna was
over 600' long. Wow, what a great dipole!!!! Resonant at 780KHz.

72 de kf4trd
Mike Maiorana

Date: Fri, 21 Nov 1997 14:52:14 -0800
From: "Frank A. West" <ke6vhm@earthlink.net>
To: <we6w@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31098] Re: Building a Bug/LI/NJ-QRP Doghouse Operation Sprint
Message-ID: <199711212304.PAA15624@italy.it.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Don't let her read this E-mail.
Hey what's it worth ......
HIHI

TTFN 73 Frank KE6VHM
     Grid Square DM13
        Woodcrest, CA
          CW Forever

> From: Ed Loranger <we6w@qsl.net>
> Not with my Fiery Irish girl!
> "You Can Walk on over here, But you'll be limpin' back!"
> -Nutty Professor (Eddie Murphy)
>
> And that's the truth. 115 pounds of Female Pit-Bull when
> I go the wrong way. :) :)
>
> Anyway, it is all settled!!! Been chipping away at it all
> week. Uh, need to be in the garage Saturday, Mud on the bike
> needs to be cleaned off, bicycle oiled etc. "You know it
> is 24 miles round trip to work, and my only transportation."
> Now, since she knows the radio is 'always on', just listening,
> etc.... My response will be "Just takin' a short break!"
>

> Count 'WE6W 559 Ed 707 BK', IN!!!!
> -Ed

Date: Fri, 21 Nov 1997 12:33:30 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31099] Re: 40m realignment apparently put on 2001 WRC schedule :(
Message-ID: <Pine.SUN.3.90.971121123127.4784B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 21 Nov 1997, Scott Rosenfeld [NF3I] wrote:

> Trust me, we ALL want it to be realigned. Basically, the plan would be to
> move 40m down to 6.9 - 7.2 MHz, and make it a worldwide allocation, and to
> move the broadcasters up to above 7.2 MHz.

I would hate to see it go to 6.9. I know all the mfg's would love it
because it would outdate all the radios in the world!!

> Let us pray it doesn't get put off AGAIN in 1999 until 2003.

I'm praying that it doesn't happen till I'm gone!!

So I guess it's not too safe to say that EVERYONE wants it done.

cul,

73, Ron,   SOWP 5545M,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 21 Nov 1997 14:23:01 -0600
From: "Mike B. Allred" <mallred@fscu.org>
To: qrp-l@Lehigh.EDU
Subject: [31100] Re: K5FO the Novice
Message-ID: <3475EDA5.4FC4@fscu.org>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> 0034 KU4GU   559   559   Mike   AL (Mike was trying to find his
>   QRP-L nr and I didn't want it :-)

Oops,
  Just looked at Chuck's original post and he wanted RST and name, not
RST and number. Oh well, just glad I got him before my paddle fell
apart. (it really did right after I worked him)

Thanks Chuck,
Mike
--
Phone:(205)340-2000 ext.2036
Wats: (800)239-5515
Fax: (205)340-2047
mailto:mallred@fscu.org
AR: KU4GU

Date: Fri, 21 Nov 1997 15:21:43 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: Bill Howell <bhowell@mail.utexas.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31101] Re: What's the best balun?
Message-ID: <Pine.LNX.3.95.971121151319.29190J-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I personally believe that if you can get a 1:1 match via a balun, great!

If you use a transformer section, that's good too!

If you operate mainly 160 meters, however, even a coax-fed antenna
with a 10:1 SWR tuned with an antenna tuner isn't THAT bad, so
long as you've got a low-loss antenna tuner and some decent feedline.

For instance, RG-8 at 1.9 MHz is pretty good. RG-174 would probably not
be your best choice, even if it were the Teflon stuff. Sure, you could
run 500 watts through it :) on 160 with <<some>> losses...at 30 MHz,
you'd probably spend about 450 of those input watts, even if the
system were perfectly matched, keeping the ice from forming on it :)

Remember, ALL power DOES go somewhere; if it doesn't get spent as heat,

it gets radiated, even if it has to travel up & down the coax 20 times to get 99% of it out...

If you have a SHORT coaxial feedline, or a short piece of coax feeding a balun, you can probably get away with a high feedpoint SWR with a low-loss antenna tuner as well.

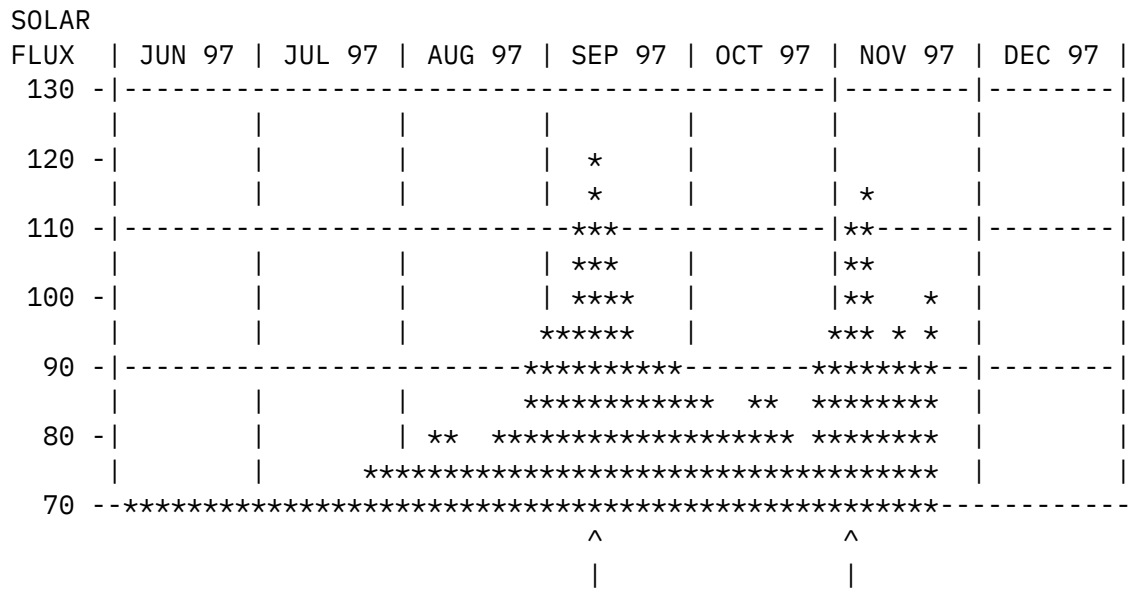
If you use 7/8" hardline, your losses are already minimal...

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 80 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* Charter member, Maryland Milliwatters * W3-VK on 3w mobile CW *
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

Date: Fri, 21 Nov 1997 16:11:06 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Subject: [31102] Solar summary 11-21
Message-ID: <199711212311.QAA13388@zia.aoc.NRAO.EDU>

SOLAR ACTIVITY QUICK-LOOK ***

Updated: 21 NOV 1997
10cm flux average: 96
3-5 day forecast: 100-105



Solar Flare Flare

Solar flux is nearly 100, and predicted to remain at that level over the weekend at least. No solar disturbances have occured past few days, meaning the geomagnetic field should be fairly quiet over the weekend for good conditions.

Areas on the sun bring the potential of M-class flares (fairly strong one), but even if it occurs this weekend, it will be next week before the effects are felt on the earth. In short, life is good.

Have a good weekend, ragchew to dx ...

72, Paul NA5N
National Radio Astronomy Observatory
VLA/VLBA Radio Telescopes
Socorro, NM, USA, Earth

Date: Fri, 21 Nov 1997 17:35:24 EST
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [31103] 10 M and 6 M Beacons
Message-ID: <19971121.053307.8071.33.n4so@juno.com>

Saved text files on beacons are on this home computer--
and also at the ARRL.
10 meters (2 versions, KC4DPC and ARRL)
6 Meters
VHF
UHF and Microwave.
The complete beacons file is a long text file called
beacons.txt from the ARRL info server info@arrl.org
and the command for the 2 part file is

send beacons.txt

The ARRL Operating Manual, on page 2-17 has a Consolidated Beacon List in the 1988 edition.
The ARRL Handbook does not.

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

Date: Fri, 21 Nov 1997 14:32:43 EST
From: w4bws@juno.com (Donald E Sanders)
To: n1qqv@cshore.com
Cc: qrp-l@Lehigh.EDU
Subject: [31104] Re: QST Page 58
Message-ID: <19971121.154504.5191.1.W4BWS@juno.com>

Everyone check the current happingings photos in the front also to see a famous(or is it infamous?) QRPer at work in the great Northwest.
Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

Date: Fri, 21 Nov 1997 19:34:48 -0500 (EST)
From: ARDUJENSKI@aol.com
To: qrp-l@Lehigh.EDU
Subject: [31105] N/T+ Foxhunt of 17 NOV 0200-0400 UTC
Message-ID: <971121193448_77642048@mrin53.mail.aol.com>

I did not get power for all stations but I think there was a clear winner in the group.

N/T+ Foxhunt of 17 NOV 0200-0400 UTC:

TIME	STATION	NAME	STATE	RST(S)/(MY)	PWR	MILES/WAT
0202	WB9HFK	MARK	IL	559/559		
0209	KA7N0C	STEVE	ID	559/599		
0211	K5ON	GARY	NM	599/559		
0213	N9AW	JERRY	WI	599/599	5W	334
0220	K5ID	KEN	AR	559/559		
O223	W7GVN	ROD	AZ	559/579	2W	605
0226	KJ3V	LYNN	AL	559/559	4W	520
0229	N9KW	JOHN	IL	559/579	2W	853
0234	KU7Y	RON	NV	559/589	35mW	17,000
0236	K5OI	TIM	NM	339/559		
0240	N0HJ	JOHN	CO	339/559	5W	211
0242	N4ROA	DAN	VA	339/339	5W	427

```
0245 N3VXI          JIM       PA        559/459       3W
     777
0255 K5FO      CHUCK     TX        339/559       2W        837

0259 KB0ZDF         DEAN IA        229/449
0304 W7JDZ          MAC  ID        599/449       5W        113

0312 N4SO      KEN  AL        339/449       5W        428
0350 KI0II          RON  CO        559/539
0355 VE3ELA         KEN  ONT  229/229       3W        873

Station:  KB7MBI
FREQ:.....    7.145
RIG.........      EMTECH NW8020 (40M) and filter
PWR......5W
ANT:......    DIPOLE (N-S)up 50 ft
```

Date: Fri, 21 Nov 1997 19:34:44 -0500 (EST)
From: ARDUJENSKI@aol.com
To: qrp-l@Lehigh.EDU
Subject: [31106] 17,000 MILES/WATT!!!
Message-ID: <971121193443_-356170304@mrin52.mail.aol.com>

Well last Sunday's N/T+ FOX HUNT was for miles per watt award. For the second time running Ron, KU7Y has performed another radio outstanding performance of 17,000 miles/watt.

Armed with only 35 milliwatts he not only reached the FOX in Woodinville, WA but did it with a 559. Since this was not really a schedule and he had to compete with a pack of hounds and QRMary's and QRNancy's hormones were raging I think he deserves a round of applause (**applause**) from the group. (Do I hear article in QST or 73, Chuck????)

This should be an eye opener for a lot of those skeptics. My only question Ron is at RST of 559, when are we going for 10 milliwatts and 59,500 miles per milliwatt???

Congratulations and your cookies will be going out next week. Ron is going to add new meaning to the term "chew"....keep those crumbs out of the keyboard.

Alan KB7MBI----C-L-

Date: Fri, 21 Nov 1997 18:42:03 -0600
From: Tom Norris <badger@telalink.net>
To: qrp-l@Lehigh.EDU
Subject: [31107] re: Very Sad News -- Source Identification
Message-ID: <3.0.3.32.19971121184203.00764948@telalink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>In my rush to repost the "very sad news" article I left out the name of
the original
>poster -- Chris Trask.
>
>My apologies to Chris and to the group for my omission, it was not on
purpose,
>but was done in haste.
>
>I claim no credit for the post, I was just passing along info, but left
Chris out
>of the message due to a case of "cranialrectumitis"
>
>73
>
>Tom KA4RKT

Date: Fri, 21 Nov 1997 21:08:54 -0500 (EST)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: Vic Rosenthal <rakefet@rakefet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31093] Re: Interesting phenomenon
Message-ID: <Pine.GSO.3.96.971121210533.798A-100000@callisto.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have always noticed that there can be a big difference in how the
vertical and horizontal antennas receive. I have been using the Yaesu
Ft1000D with both receivers running on the same frequency . One of the
receivers on the vertical and the other on a random horizontal wire.
Those Fox can be elusive and depending on if they are laying low or
running......

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Fri, 21 Nov 1997 18:14:56 -0800
From: Steve Miller <kg7pv@teleport.com>
To: qrp-l@Lehigh.EDU
Subject: [31094] RE: Norcal paddles spacing
Message-ID: <3.0.5.32.19971121181456.007a5490@mail.teleport.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I actually prefer the wider spacing on the Norcal paddle to the narrower setting on my Bencher. My paddle is done now. Painted the base with blue epoxy paint and did a brushed antique finish on the brass by sanding with 600 grit (wet) and then several coats of Turtle wax. The Turtle wax slightly darkens the brass. Looks great. I sure do like the "snappy" action of the magnets too. Did turn the magnet adjustment screw around so I could get to it easier and prefer the action with it that way. 73

Steve Miller kg7pv@teleport.com Portland, OR
Norcal #308 QRP-L #109 ARCI #9230

Date: Fri, 21 Nov 1997 20:06:10 -0600
From: Lynn Geitgey <lgeitgey@kumc.edu>
To: qrp-l@Lehigh.EDU, jdenison@morelr.com
Subject: [31095] Re: PhD
Message-ID: <s475ea0f.098@kumc.edu>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

>>> JOEL DENISON <jdenison@morelr.com> 11/20/97 8:42:17 AM >>>
>Hi, Folks,
>

>Charlie Crouchet WA5KRF wrote:
>
>>Chuck :doesn't PhD mean piled higher and deeper ?%)
>
>someone else wrote:
>No, PhD means =Ph=ysiciens' =D=eligh, =Ph=antastic =D=octorement, =Ph=un to
>=D=estroy, or =Ph=olks of =D=e list, but no =Ph=atient =D=octors.
>
>
>
>   No, no my good man PhD is the shorthand for the cajun >dog named
>PhiDeaux.
>   A very noble name and good hunting dog. :-) :-)
>
>from the heart of cajun country
>Joel Wa5cvm

Hey Guys-n-Gals... PHD actually stands for Please Have Dollars.

Lynn KB0LRB

Date: Fri, 21 Nov 97 21:32:34 PST
From: rsorge@phoenix.net
To: qrp-l@Lehigh.EDU
Message-ID: <Chameleon.971121213627.rsorge@phoenix.net.phoenix.net>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Just nabbed the N/T+ fox in Deer Park, Tx. Very weak, but recognized his call and he returned mine correctly. Long way to New Jersey. Good work John!n
72 de Bob

Name: Robert H. Sorge - KC5FMZ QRP-L#910,NORCAL#793,ARCI#96033
E-mail: rsorge@phoenix.net
Date: 11/21/97
Time: 9:32:34 PM

Date: Fri, 21 Nov 1997 19:52:24 -0600
From: Lynn Simons <lsimons1@ix.netcom.com>
To: n2mnn@spacegate.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31097] Re: FOX: N/T Fox Tonite (Fri)
Message-ID: <34763AD8.DD3453F@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

W2MY & W2MBY wrote:

> (Just one last reminder);
>
> I am the N/T Fox this Friday evening (tonite), Nov 21, (Nov 22, 01:00
> to
> 03:00 UTC).
>

Hi John,

Just a little note to thank you for being the Fox tonight! I acted as the control operator for my son, Nick, who wanted to try to work a Fox. Luckily you heard us on the first call. Boy was he excited!!! He has his no code Tech license: KE4QDF which he got when he was 12. He will turn 15 on Dec. 23. He hasn't shown much interest in learning the code until lately. Back when he was 12 and had just gotten his ticket a friend of mine and I helped Nick learn the code during a 10 hour trip from Birmingham down to Crystal River,FL to go dive with the manatees. By the end of the trip down he knew all the characters, numbers, and special operators somewhere around 3 or 4 wpm. If he had just stuck with it only a little he could have easily passed the 5 wpm test. But alas, he

didn't. I haven't pushed him at all and was really surprised when he came in to the radio room tonight and asked me if there was going to be a Fox on tonight. When I told him yes he asked if he could try to work him.

So I hooked up the straight key and let him have a go at it. John, you came back to him on the his first call! He was really excited and sorta froze. So I talked to him just a little to get him calmed down a bit and let him make the report. Now he has one Fox pelt under his belt, albeit under the aegis of my call with me as the control operator. But who knows maybe this is just what he needs to get his interest up and go ahead and take that 5 wpm test. We may just have another budding QRPer on the way. So John, thanks again. You have certainly inspired one young mind tonight!

73/72,

Lynn, KJ3V (assuming the control of one young KE4QDF, Nick.)

Date: Fri, 21 Nov 1997 21:03:45 -0600
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [31098] Thanks, Balun Summary
Message-ID: <199711220302.VAA18638@shell.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Thank you to all who responded. I wanted to relay the interesting comments.

I have a 280 ft loop fed with 100 ft of ladder line. I recently moved my operating position to another room and I am no longer able to get the ladder line to the shack, so I am using a 4:1 balun and a short length (12 ft) RG-8X to the tuner.

To Summarize, I am trying to find out what is the best balun for this application...

Here are the answers in short:

1. Amidon 4:1 Balun
2. Radio Works "Remote Balun"

3. Hook coax directly to ladder line if it is a short run, no balun
4. Wind a "choke balun" with several turns of coax at feed point.
5. And another - "hook coax directly to ladder line"

So I will try Solution number 4 and see how it works. If not, I thought I might try the smaller 300 ohm ladder line or "windowed type" and feed it directly to the back of the tuner. I hope this information helps someone else with a similar situation. Please Email direct if you have additional comments. Thanks a bunch, and 73.

Kelly Ellison - WB0WQS
QRP-L #702

Date: Fri, 21 Nov 1997 20:20:59 -0700
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [31093] Weird! QRM help please....
Message-ID: <34764F9B.98B@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

Well, after many years of enjoying a low noise and fairly QRM free location, I have been invaded by a "beacon". I noticed the other night that when I was on 40 meters that I thought I heard a "stuck" paddle. It was at 7041 and fairly loud. The pattern was something like...
Dah Dah Dah Dah Dah di di Dah Dah Dah Dah Dah Dah Dah Dah Dah di di Dah etc...
The pattern is fairly random and not a specific repeat. Now for the weird part. I was listening to six meters and there it was! on 52714. I wondered if it was more wide spread, so I started scanning from six meters down. I did not do a thorough job at all, but some of the frequencies that it shows up on are...
52714 7041 52837 53021 6917.8 6796 5816 5571
I looked below 80 meters and did not really hear anything. I am sure that if I looked further that I would find it in a lot more places. On CW it sounds like CW. On AM it sounds just like a carrier. I am really buffaloed. It is not real loud as the S meter readings vary from S1-2. Anybody out there have any ideas? I would not mind but it really is a drag that it is right on 7041. I have not noticed it until just the last few days......Humph!

Best
--
Jess N0TFI <><
http://www.concentric.net/~jessqrp
qrp-l #1232 CQC #92 1997 Fox

Date: Fri, 21 Nov 1997 22:18:29 -0500
From: Dan Dobson <ddobson@iei.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31093] RE: 17,000 MILES/WATT!!!
Message-ID: <01BCF6CB.BA5D4540@dip25.nas2.iei.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Alan,
I was reading your message, saw the comment about Woodinville. =
"Woodinville..., I had a QSO with an Alan in Woodinville". I grabbed my =
working stack of QSL's and there you were! BTW, I was running abt 4 =
watts with an Explorer into an R7. Small (QRP) world! The date was =
10/8/97.

Tnx,
Dan KG9KF QRP-L and other fun groups and clubs....

From: ARDUJENSKI@aol.com[SMTP:ARDUJENSKI@aol.com]
Sent: Friday, November 21, 1997 2:34 PM
To: Low Power Amateur Radio Discussion
Subject: 17,000 MILES/WATT!!!

Well last Sunday's N/T+ FOX HUNT was for miles per watt award. For the =
second
time running Ron, KU7Y has performed another radio outstanding =
performance of
17,000 miles/watt.

Armed with only 35 milliwatts he not only reached the FOX in =
Woodinville, WA
but did it with a 559. Since this was not really a schedule and he had =
to
compete with a pack of hounds and QRMary's and QRNancy's hormones were =
raging
I think he deserves a round of applause (**applause**) from the group. =

(Do I
hear article in QST or 73, Chuck????)

This should be an eye opener for a lot of those skeptics. My only =
question
Ron is at RST of 559, when are we going for 10 milliwatts and 59,500 =
miles
per milliwatt???

Congratulations and your cookies will be going out next week. Ron is =
going to
add new meaning to the term "chew"....keep those crumbs out of the =
keyboard.

Alan KB7MBI----C-L-

Date: Fri, 21 Nov 97 23:06:12 EST
From: Joel Malman <malman@BBN.COM>
To: qrp-l@Lehigh.EDU
Subject: [31094] Caribbean DX
Message-ID: <199711220406.XAA136258@nss4.cc.Lehigh.EDU>

Folks,

More Caribbean DX info:

  V47CA (St. Kitts) has been active around 2100-2230z on the low
  end of 30 meters. His sig is a true 579+ here into Mass.

Tonight he was working mostly W, K, JA's and Europe. Since he is 'lite'
DX, he calls CQ every so often (and almost never a QRZ). I had no problem
using the standard 'fox' technique to catch him with 4 watts/dipole.

QSL Manager: VE3BW

72

/joel   wa1qvm wa1qvm@bbn.com (QTH: Concord, Massachusetts)

Date: Fri, 21 Nov 1997 21:13:11 -0600
From: Bill Howell <bhowell@mail.utexas.edu>
To: n2mnn@spacegate.com
Cc: qrp-l@Lehigh.EDU
Subject: [31095] Your Nov / Tech Night (Nov 22 UTC)
Message-ID: <3.0.1.32.19971121211311.00685020@mail.utexas.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

John,
you sure had a "wee" sig-i-nal here in Texas. Had to crank
the audio *way* up to pull you out.
It sounds like I was the same way, up in NJ.

Good to hear you in there!

72,

Bill Howell
University of Texas at Austin
Fine Arts
Austin, Texas
N5ALO QRP-L #415

Date: Fri, 21 Nov 1997 22:15:09 -0500 (EST)
From: NilsBull@aol.com
To: QRP-L@Lehigh.EDU
Subject: [31096] LDG QRP Tuner experience
Message-ID: <971121221509_-1071447938@mrin84.mail.aol.com>

Oye, amigos,

I just finished putting the final tests on the LDG QRP tuner kit that I got in the last group purchase. Man, is this little doodad a cool thing! Wish I'd bought the 100 W version for those moments of weakness.

This was definitely not a first-time kit builder's experience deal. The instructions are pretty moot, since most of what I got out of them was the "put these parts in now and then these parts and then these parts" kind of deal. Not what I'd call step-by-step.

But it's a keeper, for sure. A bit noisy on tune-up, but otherwise very, very nice. Tunes most of the garbage antennas in the attic to flat response in not much more than a sneeze. Gotta try the dude out on the "real antennas" that

are hosed into the outhouse shack. (If you ain't seen the outhouse shack yet, it's on my ham radio page at "http://members.aol.com/nilsbull/wb8ijn.htm".)

Thanks to Scott for arranging this removal of more of my money on another radio project.

I have to say that I've started having fun with ham radio again since I started hanging around with you maniacs. Must be some kind of virus or something. Makes me want to order more stuff . . . from Archie McPhee, for instance. Gotta have a couple of them spark spittin' nuns on my desk!

73
Nils
WB8IJN &c
 . . . and did I tell you how it tunes up in less than 3 seconds? Or that it tuned up wire in the attic to 75m so I could talk to the alligators? Or about the singing nun puppets that Archie McPhee has? I got one for my sister for her birthday. And don't you go tellin' her about it, hear?

Date: Fri, 21 Nov 1997 23:00:05 EST
From: kb0rol@juno.com (Bradley L Mugleston)
To: qrp-l@Lehigh.EDU
Subject: [31097] AARGH!!!
Message-ID: <19971121.205458.2479.5.kb0rol@juno.com>

I CANT BELIEVE IT - I get a little behind in my Digest reading and I find out that the master FOX - K5FO was out prowling around. DANG!!! I've been hunting him since I got my plus a little over a year ago.

I've drempt about it, his bushy little tail right in the middle of my delta loop. Poking his little pink nose over a log and BAM I shoot 2.3 full watts at him, his ears twitch and turn - he can't resist the bate - he's mine.

Alas, I guess it will always be in my dreams.

de KB0ROL, Brad

I think I need to see a shrink, my dreams have gotten real weird ever since my wife took me to the vets after our last kid.

Date: Fri, 21 Nov 1997 20:24:09 -0700

From: Kory Hamzeh <kory@avatar.com>
To: qrp-l@Lehigh.EDU
Subject: [31098] Stuff for Sale
Message-ID: <3.0.5.32.19971121202409.00845270@ns1.avatar.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I reduced some prices, removed stuff that was sold, and
added an item:

I still have the following items for sale:

JPS ANC-4 Excellent Condition $125

Bencher BY-3 Gold on Gold, Excellent Conditions $200

Bencher BY-4 Gold on Black Base, Excellent Condition $150

Envirotronics 501G Iambic Paddle $55

MFJ 901 Vera Tuner, Ok Cond, No Manual $35

Built SST-30, MRF-237 Final, ABX Mod, 3+ Watts output $90 shipped!
Freq Range: 10.110 to 10.120, slight thump at full
power. Black top & bottom, ivory front and back panels.

Unbuilt SST-20 $75 shipped!

Unbuild Small Wonders Lab SW-40, case, RIT $75

Unbuilt EMTECH NW 20 Meter, case, AF filter $100

Avatar Peripheral 250MB external PCMCIA removable $200
drive. New, unopened, still in shrink wrap. See
http://www.goavatar.com for detail.

W6MMA St. Loius Vertical loading coil and base $50
New, not used even once!

Unless specified, prices do not include shipping!

Thanks & 73,
Kory
AC6RN

Date: Fri, 21 Nov 1997 22:37:33 -0600
From: Jim Parsons <k5rov@worldnet.att.net>
To: ku7y@sage.dri.edu, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31099] Re: 40m realignment apparently put on 2001 WRC schedule :(
Message-ID: <3.0.3.32.19971121223733.007bd100@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I hope it does not happen for at least five or ten years...then I won't
care. Those of us with non-general coverage rigs will require major
maintenance to get the band moved. Most can be done with a crystal change,
and re-alignment, if the tuned circuits will go down that far. Some just
won't have all of 40 meters on their rigs.

At 08:33 PM 11/21/97 +0000, Monte Stark wrote:
>On Fri, 21 Nov 1997, Scott Rosenfeld [NF3I] wrote:
>
>
>> Trust me, we ALL want it to be realigned. Basically, the plan would be to
>> move 40m down to 6.9 - 7.2 MHz, and make it a worldwide allocation, and to
>> move the broadcasters up to above 7.2 MHz.
>
>I would hate to see it go to 6.9. I know all the mfg's would love it
>because it would outdate all the radios in the world!!
>
>> Let us pray it doesn't get put off AGAIN in 1999 until 2003.
>
>I'm praying that it doesn't happen till I'm gone!!
>
>So I guess it's not too safe to say that EVERYONE wants it done.
>
>cul,
>
>73, Ron,   SOWP 5545M,
>
>.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
>....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>
>

James (Jim), Parsons, K5ROV USAF, Ret.
k5rov@worldnet.att.net   QCWA, NWQRP, Fists, ARRL

EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Sat, 22 Nov 1997 00:38:23 -0500
From: "Daniel L. Evans" <dlevans@hsonline.net>
To: qrp-l@Lehigh.EDU
Subject: [31093] Re: SOS message
Message-ID: <3.0.1.16.19971122003823.2a9ffcb2@mail.hsonline.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wasn't there a different distress signal back then as well? Seems like I
read something about it once....

CQD or something like that...

72/73 de Dan, N9RLA.....EM78

At 07:40 AM 11/21/97 -0800, you wrote:
>mikemo@ibm.net wrote:
>>
>> Dean Marzocca wrote:
>> >
>> > Hey guys,
>> >
>> > Want to hear something scary? Check out
>> http://www.ggw.org/freenet/a/awa/#H
>> > and listen to the Titanic's last transmission.
>>
>> This was really cool. But, where was this recorded? I didn't think
>> that
>> audio recording was readily available way back then.
>
>I'm sure that this was, er, simulated. It did not sound like an
>off-the-air recording. Also did you note that the op sent S O S, as
>three separate letters, not the correct SOS sent as a single character
>(sort of like SK).
>
>Vic K2VCO
>
>
>

Dan L. Evans [N9RLA].....EM78
CQ_DE_dlevans@hsonline.net

Remove the cq_de_ to email me, I hate SPAM!

Date: Fri, 21 Nov 1997 22:11:17 -0800
From: Bill Todd <bill@techline.com>
To: ku7y@sage.dri.edu
Cc: qrp-l@Lehigh.EDU
Subject: [31093] Re: EXTREMELY Sad News
Message-ID: <1.5.4.32.19971122061117.006f0db8@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

> At 03:03 AM 11/21/97 -0500, you wrote:
> >>   Navy's Technical Records of 20th Century Destroyed
> >
> >The guy(s) responsible ought to follow those papers into the shredder.
> >73
>
> It was probably ordered by Slick Willie himself, as their mere presence
> could serve to remind the sensitive people of the 90's of just how "icky"
> war is! :-)

Hey, when this guy says to get rid of the records, he ain't kidding!! :-)

cul,

73, Ron,   SOWP 5545M,

- - - - -
Yes Ron - You're not a kiddin'. Slick Willy has little respect for the military, and he never will have any respect for the military.

1. Look at what his polital/military appointments have said in recent weeks about how "uncivilized" the Marines can be?

2. Look at how a 10 million dollar political doner gets buried at Arlington? Never served a day in any fighting unit of the military. Are the Merchant Marines considered a fighting unit?
I realize that exceptions are made for people who have made a BIG contribution to the country like a former member of the Supreme Court. He served less than TWO months as an Ambassitor to Switzerland - certainly not an

extremely taxing position.

But, this is a QRP-related list...and not a political commentary list. So, you'll never see me making unkind comments about our President, nor will you ever see me point out his faults. No, you never will, gosh darn it . . .
If I get audited by the IRS next year, I'll let you all know (hi)

CUL, Bill-N7MFB

Date: Sat, 22 Nov 1997 06:34:20 +0100
From: frasche@torino.ALPcom.it (f. schellenbaum)
To: QRP-L@Lehigh.EDU
Subject: [31093] Re: N6RJ Second OP
Message-ID: <v01510101b09ba33babba@[194.116.2.58]>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

>Another great tool is the DX Edge, a physical slide rule
>which shows the grey line with monthly transparent overlays. I don't
>think this is produced any longer either.

Got one at the beginning 1996 from:

DX-EDGE
POBox 834
Madison Sq. Stn.
New York NY 10159
30$

73's IZ1BDL g-QRP #8461 Franco

Date: Sat, 22 Nov 1997 05:41:58 -0500
From: "david's" <elim@ime.net>
To: <dlevans@hsonline.net>, "Low Power Amateur Radio Discussion" <qrp-

l@Lehigh.EDU>
Subject: [31094] Re: SOS message
Message-ID: <01bcf733$42890500$17c65ad1@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="us-ascii"
Content-Transfer-Encoding: 7bit

yes cqd was used and it is on the message sent from the titanic.. the
Message went CQD CQD CQD SOS SOS SOS DE MGY MGY MGY
sos was fairly new at the time and this shows that the operator was up with
changes in his craft..
you should take the time to listen to it.
dave

-----Original Message-----
From: Daniel L. Evans <dlevans@hsonline.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Saturday, November 22, 1997 12:49 AM
Subject: Re: SOS message

>Wasn't there a different distress signal back then as well? Seems like I
>read something about it once....
>
>CQD or something like that...
>
>72/73 de Dan, N9RLA.........EM78
>
>
>At 07:40 AM 11/21/97 -0800, you wrote:
>>mikemo@ibm.net wrote:
>>>
>>> Dean Marzocca wrote:
>>> >
>>> > Hey guys,
>>> >
>>> > Want to hear something scary? Check out
>>> http://www.ggw.org/freenet/a/awa/#H
>>> > and listen to the Titanic's last transmission.
>>>
>>> This was really cool. But, where was this recorded? I didn't think
>>> that
>>> audio recording was readily available way back then.
>>
>>I'm sure that this was, er, simulated. It did not sound like an
>>off-the-air recording. Also did you note that the op sent S O S, as
>>three separate letters, not the correct SOS sent as a single character

>>(sort of like SK).
>>
>>Vic K2VCO
>>
>>
>>
>Dan L. Evans [N9RLA].....EM78
>CQ_DE_dlevans@hsonline.net
>
>Remove the cq_de_ to email me, I hate SPAM!
>
>
>
>

Date: Sat, 22 Nov 1997 06:30:05 -0700
From: Steve Galchutt <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-l@Lehigh.EDU>
Subject: [31095] Artic Flutter on 40m signals this a.m.
Message-ID: <3476DE57.6648@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lots of strange sounding sigs on 40m this morn. I first thought it was
lots of DX stns but then heard their calls they were stateside...real
watery sounding sigs...something must be going on w/solar activity?...?
--
CUL Steve/n0tu . .
email:N0TU@webaccess.net

Date: Sat, 22 Nov 1997 13:46:41 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-l@Lehigh.EDU
Subject: [31096] Re: Dog House
Message-ID: <3.0.16.19971122133933.226f4382@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Well, how about CQ DOS?

Oh no! Not another operating system debate!

I have to play roadie today, so will have to miss out on the sprint.
Everybody have fun...

...Rich (Thanksgiving TurkeyFox)

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - http://www.qsl.net/ka8okh

Date: Sat, 22 Nov 1997 08:56:13 -0500
From: bruce muscolino <w6toy@pop.erols.com>
To: Bob_Tellefsen-CNSE97@email.mot.com
Cc: ghanson@uts.cc.utexas.edu, qrp-l@Lehigh.EDU
Subject: [31097] Re: 12 MHz xtal filters
Message-ID: <2.2.16.19971122094807.2defde0c@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I resisted posting this when I saw Gary's original message, but now that there's a semi-thread, I feel it is necessary. At the Second Annual QRP Technical Conference (the conference formerly known as FDIM) Bill Carver gave a superb paper on the design and construction of multi-pole ladder type crystal filters. The paper covers the entire design phase PLUS how to tune these filters for optimal performance. Also included are the schematics of the test equipment you'll need to build.

Along with the paper Bill gave us a recorded demonstration of an 80Hz cw filter built using these techniques. THERE WAS NO RINGING! It was astonishing.

You can purchase a copy of Bill's paper, along with copies of all the other papers, in a three ring notebook for $22.00. The address is:

Bruce Muscolino
PO Box 9333
Silver Spring, MD 20916-9333

BTW, this is the technique I'm using for my 12 MHz filter. Funny how

curious minds seem to end up on the same page in the Mouser Catalog! Also, what bands are you designing for?

73

Date: Sat, 22 Nov 1997 09:24:50 -0500
From: Paul Helbert <phelbert@rica.net>
To: lsimons1@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31098] Re: Parenting/Elmering
Message-ID: <3476EB32.142CB59D@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Lynn, KJ3V   (assuming the control of one young KE4QDF, Nick.)

   Lynn,

Your story of introducing Nick to CAW, your disappointment that he did not continue, the surprise in his rekindled interest, and mutual joy in his accomplishment is classic. We have seen this story replayed over and over and it is always exciting. Now we await the sequel: when the student takes hold and surpasses the old master in the craft.

Congratulations to you both!

Paul, Wv3j

Date: Sat, 22 Nov 97 09:36:11 PST
From: gregoire@endor.com
To: ku7y@sage.dri.edu, Low power amateur radio discusion <qrp-l@Lehigh.EDU>
Subject: [31099] Re: EXTREMELY Sad News
Message-ID: <Chameleon.971122094015.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

<<Slick Willie>>

You guys better watch out, he'll
give you guys an income tax audit for
Christmas.

Maybe the Slickster will send some "Global Warming"
to New England this weekend, We got 12 inches of
snow last weekend and it's coming down hard now.

The dipoles are drooping 5 feet lower.

de AA1IK,
Ernie Gregoire

R.R. 1, Box 221,
South Rd.
Canaan, NH. 03741

Time the accursed enemy of man,
cursed youth for going to slow
and by the old for going to fast.

Fists # 2644,ARCI # 9500
QRP-L # 95, Fly fisher & tier,
Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

11/22/97 09:36:11

Date: Sat, 22 Nov 1997 07:40:30 MST
From: kv7g@juno.com
To: bill@techline.com
Cc: qrp-l@Lehigh.EDU
Subject: [31100] Re: EXTREMELY Sad News
Message-ID: <19971122.074041.3974.0.kv7g@juno.com>

On Fri, 21 Nov 1997 22:11:17 -0800 Bill Todd <bill@techline.com> writes:

>2. Look at how a 10 million dollar political doner gets buried at
>Arlington? Never served a day in any fighting unit of the military.
>Are
>the Merchant Marines considered a fighting unit?

I resent this excerpt from your posting, not the question itself, but the implied meaning. I doubt that there was any malice intended though.

I served as a seaman in the Merchant Marine during WWII, what little bit that I did was every bit as important as the guy on the battlefield.
We were the one's that took the ammo, food and other supplies over there. The Merchant Marine was recognized as military and any one that had documented proof that they sailed during wartime could apply for a military discharge.
I was issued an Honorable Discharge from the U.S. Coast Guard, so I guess that perhaps the answer to your question is YES.

Sorry to clutter up the reflector with this, but it hit a sore spot with me.

Bud - KV7G - Yuma, AZ

Date: Sat, 22 Nov 1997 09:55:15 -0500 (EST)
From: K5BDZ@aol.com
To: K5BDZ@aol.com, qrp-l@Lehigh.EDU
Subject: [31100] Re: FS enclosure sizes
Message-ID: <971122095514_1738691853@mrin46.mail.aol.com>

For those of you who are curious about my enclusures posted for sale, please note the following:

Backpacker I enclosures are (O.D.) 2 1/2"H x 6 3/4"W x 5 1/2" D.

Gell Charger enclosures are 3"H x 5"W x 5"D.

Looking for something the size of an "altoids box"? I also have some nice blank aluminum enclosures that measure 1 1/16"H x 3 1/2"W x 3"D that I did not post. These are $4.00 ea plus shipping ($4.00 for 1 up to 10 units.) I probably have 10 to 15 of these left. These were special make units for us, and are same size as the Tejas Mini-keyer, FS meter, etc.

CW filter Kit,-with enclosure-   enclosure is 1 1/4"H x 4"W x 3 1/4"D

Thanks to all for your interest.
Bill, K5BDZ

Date: Sat, 22 Nov 1997 08:26:23 -0700
From: Larry Adkins <wadkins@lets-go-camping.com>
To: qrp-l@Lehigh.EDU
Message-ID: <3.0.3.32.19971122082623.0069add4@lets-go-camping.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This message is for Phoenix Az Stations

ITEMS FOR TRADE

Icom 707 HF Transceiver
   160 through 10 meters
   5 through 100 watts output
Excellent condition
includes complete manual & microphone [hand]

This is a great portable rig. I use it in my RV.

Will trade for VHF/UHF [2mtr/70cm] in excellent condition
of equal value.

I have just moved to this area and am looking for a good VHF/UHF rig. BTW -
my qrp rig is a HW-8 and a couple of homebrews. Hope to be on the air shortly.

Best regards to all.

Larry Adkins, WB0PDP
QTH: Mesa, Az
Telephone: 602-962-3993
E-mail:wb0pdp@qsl.net
Web Page: http://www.qsl.net/wb0pdp
   ARCI #8758
   GQRP #8780
   Nocal QRP #1006
   10-10 #67948

Date: Sat, 22 Nov 1997 10:29:38 -0500 (EST)
From: MNHopkins@aol.com
To: QRP-L@Lehigh.EDU

Subject: [31102] Ade Weiss on S'het v. DC
Message-ID: <971122102937_1972164753@mrin46.mail.aol.com>

Relevant writings of our founder:

"Continuing this comparison approach, the superhet with filter is actually a liability when it comes to tuning for a response to a CQ. For example, if one calls CQ at 7040, with the filter switched to allow only lower sideband signals to pass, and a response comes on 7041 kHZ, it will be eliminated by the filter. The direct conversion receiver will detect the response.

"The ability to monitor both sidebands is essential in QRPp operation...if a QRPp operator uses a superhet with a good filter, he must institute the practice of tuning BOTH sidebands after calling CQ. Likewise, he must habitually tune +/- 3 kHz to insure that the crystal controlled respondent won't be missed."

---Weiss, Adrian, (K8EEG), CQ, Mar., 1974 p 49.

The term "good filter" was penned before the widespread use of crystal ladder arrangements which are, in themselves, "good filters" -- too good it seems.

--de ab5l, who's library and some of his rigs predate NORCAL.

Date: Sat, 22 Nov 1997 10:36:00 -0500
From: VE3JC John <jbcumming@wwdc.com>
To: kfglynn@prodigy.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31103] Re: Clarification on LI/NJ-QRP Doghouse Operation Sprint
Message-ID: <3476FBE0.57B5@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevin F. Glynn wrote:

> Just wanted to clear up some confusion. If you are a member of LIQRP or
> NJ-QRP then you will exchange RST <area code>x First_Name; i.e. I'd send
> 569 718X Kevin. If not a member please exchange area code without the x.
>

Being in area code 519, I can see it all now ...

"N2TO DE VE3JC 519 519 JOHN BK"

"BK SRI OM AREA CODE ?"

"519 519 BK"

"OM I NEED YOUR #@^&*?! AREA CODE !!!"

... I guess I better be generous with my signal reports (and I pity the guy who lives in area code 559 !)

I've got lots of taxi runs for the kids, but will try to make it on (woof woof). Hope everyone has fun!
Vy 73, JC
****
VE3JC - JOHN CUMMING
192 WELLINGTON ST. DELAWARE, ON CANADA, N0L 1E0

Date: Sat, 22 Nov 1997 11:05:43 EST
From: kq0i@juno.com (Mark R Milburn)
To: qrp-l@Lehigh.EDU
Subject: [31104] 40 meter band realignment
Message-ID: <19971122.100402.7631.1.KQ0I@juno.com>

ARRL just issued bulletin ARLB 72 which discusses WRC 97 decisions as they close up shop:

Two significant ham radio-related issues failed to make the cut for consideration at WRC-99. For budgetary reasons, the WRC-97 delegates had to limit the WRC-99 agenda only to the most urgent issues. Pushed back to the tentative agenda for WRC-2001 were the possible realignment of the 40 meter band to resolve a conflict between hams and broadcasters in part of the band (along with possible expansion of broadcasting bands between 4 and 10 MHz), and Article S25 of the international radio regulations. Article S25 contains the international regulations specific to the Amateur and Amateur-Satellite Services, including the Morse code requirement for operation below 30 MHz.

So, it looks like several more years have been added onto the present situation of sharing the band with BC stations. Some will like that, some won't....that's the way it is.

72/73 Mark

Date: Sat, 22 Nov 1997 08:06:17 -0800
From: Bill Todd <bill@techline.com>
To: kv7g@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [31104] Re: EXTREMELY Sad News
Message-ID: <1.5.4.32.19971122160617.007098ec@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>   I served as a seaman in the Merchant Marine during WWII, what
>little bit that I did was every bit as important as the guy on the
>battlefield.

Hi Bud -

No, there was no malice intended from me toward the Merchant Marines (glad you saw that). However, when guys like you pass on...you would probably not be able to be buried at Arlington either...unless you were given the Silver Star as a result of your service.

Many honored vets have been refused burial at Arlington, because of this lack of earning the Silver Star. So, it makes it even more obscene that a big political doner gets "in", while others have been turned away.

CUL, Bill-N7MFB

Date: Sat, 22 Nov 1997 11:13:33 EST
From: kt3a@juno.com
To: ctrask@primenet.com
Cc: qrp-l@Lehigh.EDU
Subject: [31104] Re: EXTREMELY Sad News
Message-ID: <19971122.111037.5415.14.kt3a@juno.com>

I wonder if this is the result of the philosophy and the push for the "paperless society"? Have we become less concerned for

anything documented on paper? I know that all the stupid notes
I take when building a kit or breadboarding are extremely valuable.
They are important not only for myself during the process, but
afterwards, when the information must be pieced back together to answer a
question
I or someone else may have.
I know the engineers among the list KNOW how important their
notes are.

Cameron C.R. Bailey <><
Amateur Radio, KT3A
kt3a@juno.com
Mount Wolf, Pennsylvania

Date: Sat, 22 Nov 1997 11:13:57 -0500
From: Grant Bingeman <DrBingo@compuserve.com>
To: qrp <qrp-l@Lehigh.EDU>
Subject: [31105] 17000 miles/watt
Message-ID: <199711221114_MC2-292D-A493@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

If think units of MILES PER WATT is a bit mis-leading for what we are
trying to quantify. I say this because the electric field intensity of o=
ur
signals is proportional to the current in our transmitting antennas, whic=
h
is proportional to the SQUARE-ROOT of the power we deliver to the radiati=
on
resistance of those antennas. Miles per watt is fun and easy to use, but=

consider this:

Assume that our reference power is five watts. Relative to five watts, 3=
5
mw is 143 times smaller. However, the radiated field from that 35 mw
station is only 12 times smaller than from a five watt station, all other=

things being equal. Think of this number 12 as the handicap given to the=

lower power station. Therefore, that figure of 17000 is more realistical=
ly
painted as about 7140. In other words, the actual distance of 595 miles

times the handicap of 12.

If we rate our performance this way, it makes the game more fair. Can we=

have a vote on this? What shall we call this handicap number, the QRP
factor?

QRPF =3D sqrt (5/P)   ,where P =3D your PA OUTPUT POWER in watts

Now this brings up another question -- how shall we assign a second
handicap number that accomodates antenna gain and transmission line loss,=

etc?

Grant Bingeman, KM5KG
DrBingo@compuserve.com
Dallas, TX

Date: Sat, 22 Nov 1997 08:17:31 -0800 (PST)
From: Stanley Wilson <microres@crl.com>
To: Bill Todd <bill@techline.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31106] Re: EXTREMELY Sad News
Message-ID: <Pine.SUN.3.91.971122081717.20672A-100000@crl3.crl.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Lets get back to QRP and radio.

Date: Sat, 22 Nov 1997 11:24:42 EST
From: kq0i@juno.com (Mark R Milburn)
To: qrp-l@Lehigh.EDU
Subject: [31107] non-qrp
Message-ID: <19971122.102329.4879.1.KQ0I@juno.com>

Now that we've offended some and irritated others with political
propoganda, maybe we could get back to QRP topics?

73 Mark

Date: Sat, 22 Nov 1997 16:28:11 +0000
From: Erv <kb8tnq@voyager.net>
To: DrBingo@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31108] Re: 17000 miles/watt
Message-ID: <3477081B.D870B1F1@voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Grant:

I am a relative newcomer to this group, but I think the gentleman making this statement is right on target.....that is, unless you disagree with some of the writings of Ade Weiss. I have seen such figures (Miles Per Watt) in Ade's work and it made sense until you started throwing extra figures into the mix.

Just my humble opinion, and 7-3,
Erv KB8TNQ
(workin on General....and beyond)

--
Please visit our Web Site at:
http://www.qsl.net/kb8tnq

"Dare to Dream, It Sets Your
 Spirit Free!"

Date: Sat, 22 Nov 1997 09:31:56 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: kv7g@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31109] Re: EXTREMELY Sad News
Message-ID: <Pine.BSI.3.96.971122092145.9039B-100000@usr07.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

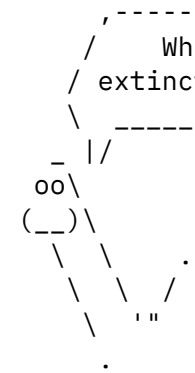
On Sat, 22 Nov 1997 kv7g@juno.com wrote:

>
> On Fri, 21 Nov 1997 22:11:17 -0800 Bill Todd <bill@techline.com> writes:
>
> >2. Look at how a 10 million dollar political doner gets buried at
> >Arlington? Never served a day in any fighting unit of the military.
> >Are the Merchant Marines considered a fighting unit?
>
>
>   I resent this excerpt from your posting, not the question itself,
> but the implied meaning. I doubt that there was any malice intended
> though.
>   I served as a seaman in the Merchant Marine during WWII, what
> little bit that I did was every bit as important as the guy on the
> battlefield.
>   We were the one's that took the ammo, food and other supplies
> over there. The Merchant Marine was recognized as military and any
> one that had documented proof that they sailed during wartime could
> apply for a military discharge. I was issued an Honorable Discharge
> from the U.S. Coast Guard, so I guess that perhaps the answer to your
> question is YES.
>
>   Sorry to clutter up the reflector with this, but it hit a sore
> spot with me.
>

    Absolutley! A lot of good men in the Merchant Marine died and were never found while shipping groceries, mail, ammo, and supplies to all theaters during WWII, and they deserve as much recognition as the men in the foxholes. I have no problem with a WWII Merchant Mariner being intermed with fellow combatants at Arlington.

    We are only now coming around to recognizing other groups who served our country in that period, such as the WASPs and WRENs. Quite a few died doing nothing more than ferrying airplanes, everything from fighters to bombers, and running cargo stateside.

    He will spend eternity in good company.



Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly

'-|)__| :. \   QRP ARCI 9464
  | | | | \ '.
 c__; c__; '-..'>.__   Email: ctrask@primenet.com
                         http://www.primenet.com/~ctrask

                Graphics by Loek Frederiks

Date: Sat, 22 Nov 1997 11:47:46 EST
From: nq2rp@juno.com (B/BAMS Club Station)
To: jessqrp@concentric.net, qrp-l@Lehigh.EDU
Subject: [31109] Re: Weird! QRM help please....
Message-ID: <19971122.114652.2167.0.nq2rp@juno.com>

One of the most overlooked source of "Noise" is the uP-Controlled answering machine. Check your answering machine, and see if the LED's on the panel are flashing at the same rate as your QRM.

If nothing is obvious, unplug (NOT JUST TURN OFF!!!) the unit and see if the noise is gone.

I have had several answering machines here at the office, Cobra, Realistic, V-Tech and Code-A-Phone (probably all built in the same factory, with different cases...), and they all have given me grief on various spots in the RF spectrum. I don't have a cordless phone, but have been told of similar problems with their controllers radiating Krud from DC - Light...

To narrow it down to something in your house, put the rig on battery-power, and pull the main breaker. No noise? If so, your source is homegrown. Noise? Well, how well do you get along with your neighbors???

72/73, Keith, WB2VUO at the keys at B/BAMS
NQ2RP - QRP-L # 1294,
 Byron/Bergen Amateur Microwaves System Club Station
Listen for our 10 Mtr Milliwatting Beacon: 125 mW @ 28.287 MHz
"Our night light runs more power than our Rig!!!"

Date: Sat, 22 Nov 1997 09:54:05 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Bill Todd <bill@techline.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31110] Re: EXTREMELY Sad News
Message-ID: <Pine.BSI.3.96.971122094309.9039F-100000@usr07.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

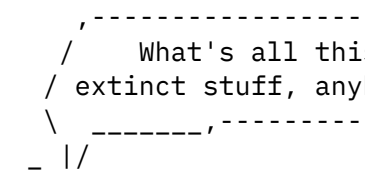
On Sat, 22 Nov 1997, Bill Todd wrote:

> > I served as a seaman in the Merchant Marine during WWII, what
> >little bit that I did was every bit as important as the guy on the
> >battlefield.
>
> Hi Bud -
>
> No, there was no malice intended from me toward the Merchant Marines (glad
> you saw that). However, when guys like you pass on...you would probably not
> be able to be buried at Arlington either...unless you were given the Silver
> Star as a result of your service.
>
> Many honored vets have been refused burial at Arlington, because of this
> lack of earning the Silver Star. So, it makes it even more obscene that a
> big political doner gets "in", while others have been turned away.
>

Being a veteran myself (Viet Nam Era, Capt, USAF), I'm equally concerned about the allegations that have been raised concerning this issue. However, given the unprecedented amount of "Oval Office Bashing" during this administration, I will wait for the final analysis. I seriously (and hopefully) doubt that there is any wrongdoing, as the Office of the President depends heavily on the support of veterans, and anything such as this would be political suicide. Not just for the President, but for the party (and by that I mean either) as a whole.

I'm not going to open up a can of worms by pointing out similar instances in the two previous administrations. Let's just say that each one has their own skeletons in their respective closets and leave it at that.

Please.



Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer

ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
http://www.primenet.com/~ctrask

Graphics by Loek Frederiks

Date: Sat, 22 Nov 1997 10:01:02 -0700
From: "Ron Smith" <resmith@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31111] Re: 17000 miles/watt
Message-ID: <01bcf768$36d4b3a0$1a22a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Erv...

>7-3

What is 4? :-) Sorry, couldn't resist...

72

Ron

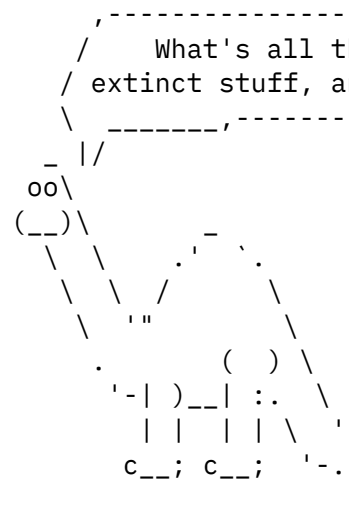
E-mail: resmith@primenet.com
Amateur Radio Callsign: KD7VD
QRP-L #1291

Date: Sat, 22 Nov 1997 10:01:58 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: kt3a@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [31112] Re: EXTREMELY Sad News
Message-ID: <Pine.BSI.3.96.971122095530.9039G-100000@usr07.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 22 Nov 1997 kt3a@juno.com wrote:

> I wonder if this is the result of the philosophy and the push for the
> "paperless society"? Have we become less concerned for anything docu-
> mented on paper?
.
.
> I know the engineers among the list KNOW how important their
> notes are.
>

Earlier this year, when the problems with the Union Pacific Railroad surfaced in the midwest (grain shipments) and then later on the west coast (manufactured goods shipments), the first thing that came to mind was Ayn Rand's "Atlas Shrugged," a novel written in the late 1950's about the collapse of American industry as a result of governmental incompetence, malfeasance, and corruption. I invite all of you to pick up a copy of this book and read it. The parallels are just a bit scary.



Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
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ATG Design Services
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Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
http://www.primenet.com/~ctrask

Graphics by Loek Frederiks

Date: Sat, 22 Nov 1997 12:09:12 -0500 (EST)
From: K5BDZ@aol.com
To: k3as@dol.net, qrp-l@Lehigh.EDU
Subject: [31113] Re: Reverse TVI (IVT?)
Message-ID: <971122120911_584146643@mrin45.mail.aol.com>

Bill
at the expense of sounding like I'm not the sharpest pencil in the box, couple of comments:
1) Try turning the TV AC plug over in the socket (providing it's a two pin w/o ground)
2) Try touching the TV antenna or antenna connections on back of TV set to see if noise changes in RX, and if so, how
3)If that fails, see if you can reorient your attic antenna 20 degrees or more (90 degrees if possible)..reasoning: parallel antenna / power line could equal inductive coupling.
4) what kind of 30 meter rig are you using and what kind of power supply?
5) a Toddy for the body is good for the nerves...if you don't drink, pour it into the TV and replace set when popping and crackeling subside.
Good Luck and keep us posted
Bill. K5BDZ

Date: Sat, 22 Nov 1997 10:35:45 -0700
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [31114] QRM mystery solved, thanks to the list!
Message-ID: <347717F1.42C2@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Computer.
>
> --
>
> George Fremin III
> Austin, Texas C.K.U.   "Eight is enough."
> K5TR

> 512/416-7010
> geoiii@bga.com
> Did you recently get a new computer or something that has a
> microprocessor in it?
>
>
> -- Dean -- from Des Moines (KB0ZDF)
> One of the most overlooked source of "Noise" is the uP-Controlled
> answering machine. Check your answering machine, and see if the LED's on
> the panel are flashing at the same rate as your QRM.
>
> If nothing is obvious, unplug (NOT JUST TURN OFF!!!) the unit and see if
> the noise is gone.
>
> I have had several answering machines here at the office, Cobra,
> Realistic, V-Tech and Code-A-Phone (probably all built in the same
> factory, with different cases...), and they all have given me grief on
> various spots in the RF spectrum. I don't have a cordless phone, but
> have been told of similar problems with their controllers radiating Krud
> from DC - Light...
>
> To narrow it down to something in your house, put the rig on
> battery-power, and pull the main breaker. No noise? If so, your source
> is homegrown. Noise? Well, how well do you get along with your
> neighbors???
>
>
> 72/73, Keith, WB2VUO at the keys at B/BAMS
> NQ2RP - QRP-L # 1294,
WEll, how about that! I sat here thinking about this but could not figure any new micro stuff in the house. So, I set my handheld scanner for 52.780, one of the offending freqs. At the computer I heard the "ssshh" "ssshhhh" "ssshhh" "si" "si" "ssshhh" "ssshhh" "ssshhh" on the FM mode, all that the scanner has. I waled not but 2 feet from the computer and it stopped. I took the duck off at the computer and it stopped. Interesting side note is that I had the TS140 hooked up to the delta loop at the back of yard farther fron the house and could barely hear it. Hooked the Gap to it and really could hear it. Gap is closer to the house. Hooked the DX 70 to the loop and could hear it, not just as loud. DX 70 to the vert was LOUD. TS 140 on the loop, if I did not know the QRM was there, I would not have payed any attention to it. Better filtering in the 140 or better receiver on the DX 70? Hmmmmmm......

Anyway, I started looking at the computer and then I spotted the change! An eyeball on top of the monitor looking right at me, mocking. I had just hooked the Connectix Cam back up to the computer the other day to shoot some pics for a kid's project. I shut the computer down and then pulled the cam off, computer back on and viola! no QRM.

Sounds like some of the guys on the list have found clock sweep driven devices before as QRM generators huh? That little eyeball was trashing the sigs from DC to daylight! Learn sumpthin everyday! Thanks all! I have quoted you above in case someone else could benefit from the info...

Best
--
Jess N0TFI <><
http://www.concentric.net/~jessqrp
qrp-l #1232 CQC #92 1997 Fox

Date: Sat, 22 Nov 1997 12:33:04 -0500 (EST)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: bruce muscolino <w6toy@pop.erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31115] matched 12 MHz xtal filters
Message-ID: <Pine.GSO.3.96.971122123202.18014A-100000@callisto.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dan's small parts has matched sets of 12 MHZ and other freq crystals.
FWIW.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Sat, 22 Nov 1997 11:08:43 -0700 (MST)
From: ki7mn@dancris.com
To: qrp-l@Lehigh.EDU
Subject: [31116] Re: EXTREMELY Sad News
Message-ID: <199711221808.LAA21190@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>From what I've seen so far, the debate about Arlington burials is unfounded, and, anyway, doesn't relate to qrp in any fashion.

How about we keep if off the list?

72,73
Bob KI7MN Norcal 1228, QRP-L 271, ARCI 8918, CQC 274, AKQRP 30
http://www.dancris.com/~ki7mn

Date: Sat, 22 Nov 1997 06:51:36 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: ve7ldh@direct.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31117] Re: Benson's good & DC rcvr comments
Message-ID: <QdiwxBA4Dod0Ewi$@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <3475C331.EF28359@direct.ca>, Laura HALLIDAY
<ve7ldh@direct.ca> writes

Of course, it's very easy to convert a DC Rx into a conventional
superhet! Simply use the DC Rx as a product detector, with a mixer and
2nd oscillator in front of it. This should keep everybody happy.

73, Leon
--
Leon Heller: leon@lfheller.demon.co.uk http://www.lfheller.demon.co.uk
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See http://www.lfheller.demon.co.uk/rcm.htm for details of a
low-cost reconfigurable computing module using the XC6216 FPGA

Date: Sat, 22 Nov 1997 13:16:44 -0500 (EST)
From: K5BDZ@AOL.com
To: ROYGREGSON@AOL.com, qrp-l@Lehigh.EDU
Subject: [31117] Re: CQ, QRZ ?
Message-ID: <971122131643_260297185@mrin47>

Roy

By your call, I assume you've been around a while.
Remember QLF from the straight key days?
Bill, K5BDZ

Date: Sat, 22 Nov 1997 13:31:18 -0500 (EST)
From: K5BDZ@aol.com
To: K5BDZ@aol.com, qrp-l@Lehigh.EDU
Subject: [31118] FS: more enclosures
Message-ID: <971122133118_881517927@mrin86.mail.aol.com>

Just found a box of aluminum enclosures that measure 1 1/16"H x 3 1/2"W x 3"D
 that Tejas Kits used for their RF sensors (both voltage and current units).
Each enclosure has two SO239 coax connector mounting holes, one each in
opposite sides of bottom, as well as a 1/4" hole in middle of top.
These are $4.00 ea plus shipping ($4.00 for 1 up to 10 units.)
I probably have about 10 of these left. As were all of our enclosures, these
were specially made units for Tejas from .050 Ga aluminum 5052 H32 alloy.
with reinforced front and rear panels.
In addition to their design usage, I have used these for the following:
1) QRP antenna tuner w/plastic var caps (one each for 30 meters, 40 meters,
and 20 meters) I like single band units to go with my single band QRP rigs.
2) SWR/Power meter
3) Outdoor / indoor Balun housing for open wire line to coax
4) active antenna preamp / rod antenna enclosure
and many more uses.

You get the idea. Your ideas are probably better than mine. And the SO239
holes are already stamped in the ends!
Bill, K5BDZ

Date: Sat, 22 Nov 1997 10:44:10 -0800 (PST)
From: doug hauff <slmachco@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [31119] Re: Value of Ham Radio
Message-ID: <199711221844.KAA20950@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Those of you who have followed my anguished moans, cries, screams, etc.
posted here know I have had a rather rough time here at high-tech,

state-of-the-art San Luis Machine (no laughing, please). Doug Hendrix recently spoke about our communication, wherin I expressed gratitude for ham radio and how it has helped in my troubles...he said it as it was, exactly - except he left out a little...Specifically, I am thankful for:

NorCal (Doug Hendrix & Jim Cates) for promoting Ham Radio in a big way;

NorCal (Doug Hendrix & Jim Cates) for providing fantastic kits(learning tools);

NorCal (Doug Hendrix & Jim Cates) for providing the 49er and 38S kits specifically - I would nohow noway have attempted to repair my $4,000 mother board (200 + chips!) without my experience building/troubleshooting/modifying these great kits;

NorCal (Doug Hendrix & Jim Cates) for helping(!) me stay afloat thru 6 weeks of downtime on my main machine, Tree/Kira VMC - When Doug was planning the Paddle Kit, he let me have a crack at the production bid. I won the low bid, and had to work overtime to provide the parts. This kept my shop humping when I would otherwise have been wondering how to stay afloat...I bid the job on the basis of running many of the parts on my VMC, which was so busy at the time, I changed plans and programmed my CNC Knee Mill to run them...turned out to be better anyway, brass makes a real mess, would be a hassle to decontaminate the Tree, not to mention is was busted for 6 weeks(geez, I woulda been mobbed by irate hams!);

Doug Hendrix for being a great friend; Doug called me frequently, ostensibly to check on kit part status, but more to encourage me, give support during a VERY bad time for me(an emotional roller coaster);

Doug Hendrix, Jim Cates, Jerry Parker, JoAnne Hendrix, D.K. Philbin, and the rest of the NorCal gang for being such GREAT people, the nicest kind of friends;

The entire QRP community for being so accepting of my attempts at improving enclosureage(new word I made up)

Michael and Bruce; These guys are both in the CNC repair field; both offered their help, unsolicited(I posted my whining to explain production delays, not even thinking there would be CNC repair guys into QRP - DUH!)...Michael zeroed right in on the problem, would have put me on correct trail if weren't there already, I wish I'd met him 5 weeks sooner!

THANK YOU ALL! MY LIFE HAS BEEN ENRICHED BY QRP/HAM RADIO/NORCAL/ALL MY QRP FRIENDS!! 72 Doug Hauff KE6RIE

PS 38S Enclosures on VMC TODAY!!! NO S**T!!!

Date: Sat, 22 Nov 1997 10:47:35 -0800
From: Harvey Laidman <Harveyl@outadaloop.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [31120] Heath nut suckers
Message-ID: <347728C6.D3347C7B@outadaloop.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone know of a source for those wonderful red plastic nut
grabbers Heath used to supply with their kits?
I have one left but it's getting a bit stretched.
...Harvey, W8DX

--
---Harveyl@outadaloop.com -- URL: HTTP://outadaloop.com---

Date: Sat, 22 Nov 1997 09:54:06 -0900
From: "Jim, Nancy, Juliann, Issei" <larsennc@alaska.net>
To: qrp-l@Lehigh.EDU
Subject: [31121] Dum-de-dum-de-dum-de AL7FS
Message-ID: <34772A4E.49F2@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, twiddle me fingers.....as I wait for the bands to open. I hope
the Sprint is still going on 'cuz there are no signals up in Alaska.

I will check every half hour or so and I hope to work a few of you by 1
PM AST end of sprint.

73, Jim, AL7FS,
--
Jim Larsen, ex-WA0LPK
Acupressure Anchorage
ECKANKAR
Vision Recumbent
Anchorage, Alaska

Date: Sat, 22 Nov 97 12:04:26 -0700
From: "James R. Duffey" <jamesd1@flash.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31122] Receiver Myths; DC and Superhet (long)
Message-ID: <199711221905.NAA17625@endeavor.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

The recent discussions on Direct Conversion Receivers vs. Superheterodynes prompted by the calls for more homebrewing evident in Milton's "Paradise Lost", and reinforced by Calvin's admonishment of kit building as an alternative to homebrewing (thereby putting ham radio building in the same class as other self indulgent sins such as drinking, card playing, gluttony and dancing :^)) have resulted in some misconceptions or misstatements (at least in my opinion) that I would like to clear up. Some of these have already been addressed so I won't repeat those here. I don't mean to flame anybody, so if you made a statement I criticize don't take it personally. Some of these same statements appear in the reputable literature as well.

In no particular order, some misconceptions that I would like to address;

1. "A direct conversion receiver is really just a simple superheterodyne."

I may be picking nits here, but statements like this show us how far removed we are from the beginnings of radio. Superheterodyne is a shortened form of Supersonicheterodyne. (You don't really need a radio history book to tell you this as it is in any good dictionary) The inventor of the superheterodyne receiver, Armstrong, coined this term for his newly invented reveiver having one or more intermediate conversion and gain stages between RF and AF. These conversion stages were above the audio or sonic range hence the use of the word supersonic. Of course, the direct conversion receiver as we know it today, and the regenerative receivers of Armstrong's day convert RF to AF directly at sonic (audio) frequiencies. Armstrong realized the advantages of distributing the gain and selectivity over several frequencies. This distribution was particularly important for the active devices of the day which were typically unstable at moderate to high gains and tended to oscillate with narrow bandwidths. As is evidenced by the good performance of receivers such as the R-2 this is less important today.

But another advantage is that it is the dual conversion stage that allows the opposite sideband to be eliminated easily with a narrow filter at a frequency above the frequency used for detection. Superhets don't lose the capability to listen on the opposite sideband, my old HQ-110A had this capability with a variable BFO, and my new TS850 has a switch to reverse sidebands.

The correct statement is of course "The direct conversion receiver and superheterodyne are both utilize the heterodyne principal." Most

superheterodynes that use product detectors look like a direct ocnversion receiver form the product detector on through the AF stage. To say that the direct conversion receiver is really just a simple superheterodyne is really a technical oxymoron (look it up, it is not offensive).

2. "DC receivers have superior audio." The quality of a receiver's audio is not a function of the type of receiver, but rather how the audio stages are implemented. Most DC receivers have no AGC, have active audio filtering to eliminate high frequency hiss and have good single ended class A audio amplifiers. Many superhets are missing one or more of these items. If you want to make your superhet sound better turn off the AGC, reduce the RF gain so you just barely hear the noise level, and use the audio level to adjust gain. You will find many of the advantages of the DC receiver's audio can be had in a superhet. Loud signals will be loud and stand out against a nearly quite band, weak signals are weak and fade in and out of the noise, and there will be no pumping of audio levels from nearby strong signals.

3. "DC receivers require lots of gain" The DC and superhet both need the same end to end gain to make a given level RF signal input appear at the same given level at the AF output. The configuration, DC or superhet, has little to do with this gain, at least on the HF Ham bands. (More on that later). That is if there is a 1 microvolt signal at the input and we want a 1 volt signal at the audio output, we need a gain of 1,000,000, or 120 dB (volts). The difference is where the gain occurs. In a direct conversion receiver the gain must occur in the RF and AF. The superhet introduces a third stage, the intermediate frequency (IF) amplifier, where we can place the gain.

Examples; If we consider the ubiquitous NE602 in a DC receiver, it has about 17 dB gain or so. In the above example we must generate another 103 dB gain in the AF stage to get to our 120 dB. If we make a superhet out of an NE602 and a MC1350 IF amplifier, we get 17 dB in the RF stage, another 50 dB in the MC1350 IF stage, 17 dB in the NE602 product detector, which leaves 36 dB for the audio stage. It is possible to leave out gain at the IF as Dave Benson has done in his SWL receivers; then we get 17 dB for the NE602, another 17 dB for the NE602 product detector, and then the audio stage needs to generate 86 dB gain. These are all realizable with parts which are commonly available today. If we insist on good front end performance and go to a passive diode double balanced mixer, then instead of 17 dB gain in the NE602 mixers, we have a 7 dB or so loss. This needs to be made up by an additional RF gain stage in front of the mixer, or by more back end gain, either in the auido stage for the DC, or the audio or IF stage in the superhet. I have used these numbers as examples only, an audio signal of 0.1V is probably adequate, on the other hand we may wish to listen to signals stronger or weaker than 1 microvolt. I have omitted the loss in the RF filtering stages ahead of the first mixer, these typically run a few dB or so. But you get the

picture right?; its not the total gain it is where it is located.

One problem with too high gain in a single stage is the sensitivity of the reciever to mechanical vibrations, the "microphonic" problem. This is usually evidenced by a "boinng" when the receiver is tapped. Good layout will resolve most of the microphonic problems as will rigid mounting techniques. Glue down all the components with superglue or hot glue, and build the amplifier/receiver on brass or copper sheet rather than a PC board; some have built up walls around the amplifier and poured in beeswax to encapsulte the whole thing. (ICOM used to do this with their 2 M synthesizers). Choice of components is also important, Ceramic capacitors are piezoelectric so they will generate a small signal when mechanically stressed. Use poly or tantulum capacitors instead. Today's ICs are less susceptible to microphonics since everything is rigid on a chip. This accounts for the revived popularity of the DC with the advent of the 602 and 386 chips.

A more correct statement here would be "DC receivers usually require the AF stage to have large gain".

Now to address my "more on that later" note above. If we use the receiver in a band where the noise is driven by the receiver rather than the external noise (probably above HF, say 2M), the DC will need slightly more gain to overcome the additional 3 dB noise floor caused by introduction of noise on both sidebands instead of just one. This gain should be provided in an RF stage.

None the less, as Laura states, properly designed receivers of either ilk will perform well. The design requirements are different for the two types, not more difficult for one than the other. I personally find the biggest drawback of the DC to be the two signals one recieves for each signal on the band. This is not a problem on an uncrowded band, but on 40 M during SS can be a nightmare. If a beginner wants to start homebrewing from scratch, I still think the DC receiver has a lot going for it. It is conceptually easy to understand. It is easy to trouble shoot with just a receiver on the same band;
1. Build up the audio stage.
2. Apply a signal from a receiver (or your thumb) to see if it works.
3. Build an oscillator.
4. Listen for its signal in a receiver.
5. Use a dbm passive mixer. No assembly or packaging needed.
6. Build an RF filter (2 pole).
7. Use a receiver to see if it works. Hook it all up.

Of coure if there are problems along the way a voltmeter is nice to have.

Having done this a beginner tackling a superhet will soon realize he is doing the same things he did when he built and trouble shoot (shot?) the

DC receiver only several times, not just once.

That said, I think few people will really want to return to a homebrewing DC receiver after building one of Dave's (or NorCal, or EMtech or OHR) kits. But will they undertake to build another superhet from scratch? I think that is what the original point made in the origianl post was, today's kits are so good few will bother to homebrew receivers.

Personally, I think that the greatest contribution that Dave made to simple receiver design is also one of the simplest. You can add it to any rig, DC or superhet. It is this' Controlling the volume (actually overall gain) with a pot at the antenna input. This insures that the receiver does not have an overall gain larger than necessary. This maximizes the strong signal handling capbilities of the receiver, and wrings out the most performance out of those 602s.

Sorry that this has gone on for so long; I don't seem to be able to stop once I get going. I hope I have not offended anyone, but as they say in parliament; I now stand open for discussion. - Duffey KK6MC/5

James R. Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest NM 87008

Date: Sat, 22 Nov 1997 19:08:22 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: MNHopkins@AOL.com, qrp-l@Lehigh.EDU
Subject: [31122] Re: Ade Weiss on S'het v. DC
Message-ID: <19971122190816.AAB7559@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:29 PM 11/22/97 +0000, you wrote:
>Relevant writings of our founder:
>
>   "Continuing this comparison approach, the superhet with filter is
>actually a liability when it comes to tuning for a response to a CQ. For
>example, if one calls CQ at 7040, with the filter switched to allow only
>lower sideband signals to pass, and a response comes on 7041 kHZ, it will be
>eliminated by the filter. The direct conversion receiver will detect the
>response.
>
>   "The ability to monitor both sidebands is essential in QRPp
>operation...if a QRPp operator uses a superhet with a good filter, he must

>institute the practice of tuning BOTH sidebands after calling CQ. Likewise,
>he must habitually tune +/- 3 kHz to insure that the crystal controlled
>respondent won't be missed."
>
>---Weiss, Adrian, (K8EEG), CQ, Mar., 1974 p 49.
>
>The term "good filter" was penned before the widespread use of crystal ladder
>arrangements which are, in themselves, "good filters" -- too good it seems.
>
>--de ab5l, who's library and some of his rigs predate NORCAL.
>
>
        This is not only restricted to QRPers! Lots of guys with Rice Boxes
will NOT TUNE AROUND! It's a special bother to those of us who are
sometimes "rock bound". We need to make transceiver users aware
that they need to "tune around" for people calling them on a nearby
frequency!
73,
E. V. Sandy Blaize, W5TVW
"Boat Anchors collected, restored, repaired, traded and used!"
417 Ridgewood Drive
Metairie, LA., 70001

860 Hartley 'ECO' under construction**
*** Looking for a TRC-10 transceiver ******
*** looking for an RAL receiver ***********

Date: Sat, 22 Nov 1997 14:29:21 EST
From: w4bws@juno.com (Donald E Sanders)
To: ku7y@sage.dri.edu
Cc: qrp-l@Lehigh.EDU
Subject: [31122] Re: Navypapers shresdder
Message-ID: <19971122.154141.9455.1.W4BWS@juno.com>

They probab;y had the newest White water Model with Subpoena speed from
Ross, Clinton &Assoc..
Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

>
>Hey, when this guy says to get rid of the records, he ain't kidding!!

>:-)
>
>cul,
>
>73, Ron,   SOWP 5545M,
>
>.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
>....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>
>

Date: Sat, 22 Nov 1997 14:29:21 EST
From: w4bws@juno.com (Donald E Sanders)
To: rakefet@rakefet.com
Cc: qrp-l@Lehigh.EDU
Subject: [31123] Re: SOS message
Message-ID: <19971122.154141.9455.0.W4BWS@juno.com>

Gosh, I didn't know that the three letters were sent as one, I always
thought they were three letters- guess I missed something in my code
class. And here I thought dozing off wouldn't hurt.
Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

On Fri, 21 Nov 1997 07:40:49 -0800 Vic Rosenthal <rakefet@rakefet.com>
writes:
>mikemo@ibm.net wrote:
>>
>> Dean Marzocca wrote:
>> >
>> > Hey guys,
>> >
>> > Want to hear something scary? Check out
>> http://www.ggw.org/freenet/a/awa/#H
>> > and listen to the Titanic's last transmission.
>>
>> This was really cool. But, where was this recorded? I didn't think
>> that
>> audio recording was readily available way back then.
>
>I'm sure that this was, er, simulated. It did not sound like an

>off-the-air recording. Also did you note that the op sent S O S, as
>three separate letters, not the correct SOS sent as a single character
>(sort of like SK).
>
>Vic K2VCO
>
>

Date: Sat, 22 Nov 1997 14:37:42 -0500
From: wb8ygg@juno.com (Bradley S. Mitchell)
To: Harveyl@outadaloop.com
Cc: qrp-l@Lehigh.EDU
Subject: [31124] Re: Heath nut suckers
Message-ID: <19971122.143743.3662.0.WB8YGG@juno.com>

I finally lost my last nut sucker a couple of years ago.
I haven't seen anything yet that does the function that these
little plastic gems did..
So if anybody knows of a source, or a modernized version..
let the cat out of the bag! Enough punishment.. I'm dexterous
enough now!
73
Brad WB8YGG

On Sat, 22 Nov 1997 10:47:35 -0800 Harvey Laidman
<Harveyl@outadaloop.com> writes:
>Does anyone know of a source for those wonderful red plastic nut
>grabbers Heath used to supply with their kits?
>I have one left but it's getting a bit stretched.
>...Harvey, W8DX
>
>
>--
>---Harveyl@outadaloop.com -- URL: HTTP://outadaloop.com---
>
>
>
>

Date: Sat, 22 Nov 1997 14:47:17 -0500 (EST)
From: N3BJ@AOL.com
To: qrp-l@Lehigh.EDU

Subject: [31125] FS: Wilderness Sierra w/KC-2
Message-ID: <971122144717_1805833105@mrin41.mail.aol.com>

For Sale: Wilderness Sierra in very good condition with KC-2 installed.
 Includes 40 and 20 meter modules. Works perfectly, has 5 watt mod, actually
gets about 4 watts. Has ABX which provides great selectivity adjustment.
Otherwise unmodified. This Sierra is surplus, have another one, really don't
need 2. Complete documentation on Sierra and KC-2 included. In kit form,
current cost is $365 + shipping.

$425 firm shipped

Alan, N3BJ

Date: Sat, 22 Nov 1997 14:59:31
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [31126] DH Sprint
Message-ID: <3.0.1.16.19971122145931.26c7fccc@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy,

Had to connect up the "big" rig to make a few dog house contacts seeing my
dipole is nearly on the ground due to some wet snow in the trees. Made a
couple of DH qso's and accidently tuned down to 7.035 where I hear W1AW
calling CQ. Fun telling W1AW your running homebrew QRP :-) Think I'll send
for the card!

Okay, that was fun, now back to the sprint!
72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Sat, 22 Nov 1997 11:55:54 -0800
From: Laura HALLIDAY <ve7ldh@direct.ca>
To: jamesd1@flash.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31127] Re: Receiver Myths; DC and Superhet (long)
Message-ID: <347738CA.38516273@direct.ca>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

James R. Duffey wrote:

> 1. "A direct conversion receiver is really just a simple
> superheterodyne."
>
> I may be picking nits here, but statements like this show us
> how far removed we are from the beginnings of radio...

Other than historical interest, why worry? For design and analysis
purposes, a direct-conversion receiver is a single-IF superhet
with an audio IF. That Armstrong and his contemporaries viewed
it differently is interesting, but does it help us make better
radios today? How?

It's interesting that not one of the characteristics ascribed
to superhet or direct conversion receivers are inherest in their
design - every one is an implementation issue.

Audio images are a good example of the tradeoffs - superhets
use narrow IF filters to eliminate audio images. To achieve this,
however, their filter passband is optimized for selectivity,
and not for audio quality. A direct conversion receiver, on the
other hand, can use whatever audio passband it wants, because
the user doesn't care about audio images, or because the image-
reject mixer has already disposed of the image response.

...laura

Date: Sat, 22 Nov 1997 15:03:33 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31128] Atlanta Hamfest
Message-ID: <34773A95.2BBE@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have seen several announcements for Hamfests in Atlanta.

When is the "big" hamfest? Which one do all the lcoals make a point of
attending?

How does it compare to Orlando or Miami?

Henry

Date: Sat, 22 Nov 1997 15:06:46 -0500
From: mikemo@ibm.net
To: qrp <qrp-l@Lehigh.EDU>
Subject: [31129] Yahoo!! Got my General today!!
Message-ID: <34773B56.4E28@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just got back from the Tampa, FL hamfest where I took my General exam. Well, I passed! I just wanted to thank all on the list who worked (or tried to work) me as the N/T+ fox. I'm sure those fox nights were a big part of why I passed the code test.

Although I only studied for the general written test, I took a shot at the advanced. Wow, it was hard. I failed with only getting 29/50 questions right. I picked up the Advanced study book on the way out. I'm shooting for that test in January.

Thanks again to all who helped!
72 de kf4trd/ag (this is so cool!)
Mike Maiorana

Date: Sat, 22 Nov 1997 14:06:51 -0600
From: Tony Davee <tdavee@iglobal.net>
To: qrp-l@Lehigh.EDU
Subject: [31130] QRP kits
Message-ID: <19971122200649953.AAA71@mail.iglobal.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello, I'm new to the list but already I'm reading some good material!! Not only am I new to the list, but I am also new to QRP. I'm looking to build my first cw qrp kit. I've considered the NorCal 40A and several TenTec QRP kits, mainly 40 meters. Does anyone have experience with the T-Kit model 1340? Which kit gives you the most for the money? I'm looking forward to QRP'ing and thanks for any information. Tony, KM5JH

Date: Sat, 22 Nov 1997 15:31:45 EST
From: w4bws@juno.com (Donald E Sanders)
To: K5BDZ@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [31131] Re: Reverse TVI (IVT?)
Message-ID: <19971122.164449.9455.3.W4BWS@juno.com>

On Sat, 22 Nov 1997 12:09:12 -0500 (EST) K5BDZ@aol.com writes:
>5) a Toddy for the body is good for the nerves...if you don't drink,
>pour it
>into the TV and replace set when popping and crackeling subside.
>Good Luck and keep us posted
>Bill. K5BDZ

I guess this is the Jack Daniels School of TV Repair

Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

Date: Sat, 22 Nov 1997 15:33:08 -0500 (EST)
From: Robert Parks <rob3ert@vegas.infi.net>
To: qrp-l@Lehigh.EDU
Cc: mikemo@ibm.net
Subject: [31132] Re: Yahoo!! Got my General today!!
Message-ID: <199711222033.PAA29048@fh102.infi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Congratulations, Mike!

Nice feeling, isn't it?

72/73

Bob Parks
K6AEC (Las Vegas)

At 03:06 PM 11/22/97 -0500, you wrote:
>I just got back from the Tampa, FL hamfest where I took my General exam.
>Well, I passed! I just wanted to thank all on the list who worked (or
>tried to work) me as the N/T+ fox. I'm sure those fox nights were a big
>part of why I passed the code test.
>
>Although I only studied for the general written test, I took a shot at
>the advanced. Wow, it was hard. I failed with only getting 29/50
>questions right. I picked up the Advanced study book on the way out. I'm
>shooting for that test in January.
>
>Thanks again to all who helped!
>72 de kf4trd/ag (this is so cool!)
>Mike Maiorana
>
>

Date: Sat, 22 Nov 1997 12:04:29 -0900
From: "Jim, Nancy, Juliann, Issei" <larsennc@alaska.net>
To: qrp-l@Lehigh.EDU
Subject: [31133] Dreaming de AL7FS
Message-ID: <347748DD.682B@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was just looking at the prediction charts at
http://home.att.net/~jerhall/index.html
and was dreaming of what it would be like to have the predictions come
true.....Sigh.....

Band is still not open for QRP from Alaska at 2100Z. There are a few
QRO stations down lower but only a few. There are no stations from
14.058-14.065.

I guess area code 907 will not make it into the Lower 48 logbooks today.

73, Jim, AL7FS
--

Jim Larsen, ex-WA0LPK
Acupressure Anchorage
ECKANKAR
Vision Recumbent
Anchorage, Alaska

Date: Sat, 22 Nov 1997 13:31:50 -0800
From: David Smith <qrpdave@ocsnet.net>
To: QRP-L@Lehigh.EDU
Subject: [31134] Machined Aluminum Enclosures
Message-ID: <B0000205862@ocsnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi guys!
        Last week while browsing through the internet I saw a firm in San Luis Obispo, CA who apparently has machined an aluminum case for (I think a Pixie). The page said that it is near bulletproof. Does anyone have any information as to the webpage address? Thanks!

Date: Sat, 22 Nov 1997 13:31:51 -0800
From: David Smith <qrpdave@ocsnet.net>
To: QRP-L@Lehigh.EDU
Subject: [31135] Machined Aluminum Enclosure
Message-ID: <B0000205863@ocsnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi guys! Was surfing the net the other day and came across a page from a company in San Luis Obispo, CA which machines an enclosure out of aluminum (I think for the Pixie). Could someone give me their web address? Thanks!

QRPDave

Date: Sat, 22 Nov 1997 14:11:29 -0500
From: "(Parker) j@parker.reno.nv.us" <Pparker@greatbasin.net>
To: qrp-l@Lehigh.EDU

Subject: [31136] Seeking Argonaut 509 tech info
Message-ID: <3.0.1.32.19971122141129.0069d3c8@mail.greatbasin.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've recently acquired an Argonaut 509 with no tech manual and a non-functioning transmitter. Ten Tec has no ftp site for getting schematics and only sells the complete manual for $20. If nothing else, I'd like to find a copy of the 509 PA board schematic, since the problem is likely on that board.

Any suggestions, assistance would be appreciated. I'm very anxious to get on the air with QRP!

Thanks, 73

Jack, W7PW
Fernley, NV

Date: Sat, 22 Nov 1997 15:20:35 -0700
From: "Ron Smith" <resmith@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31137] Re: Yahoo!! Got my General today!!
Message-ID: <01bcf794$da81ee60$1522a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Way to go Mike, congratulations. You're on the right step by getting the Advanced study guide. Good luck in January.

FWIT: My first call was N4INY - Got my Novice in Jacksonville, FL about 20 years ago.

72

Ron

E-mail: resmith@primenet.com
Amateur Radio Callsign: KD7VD
QRP-L #1291

Date: Sat, 22 Nov 1997 15:53:15 -0800
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@Lehigh.EDU>
Subject: [31138] LI-NJ Etc. Doghouse Sprint - Results
Message-ID: <3477706B.6D5C@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang:
  Well, there's another Sprint that was total fun.

Final talley:

45 QSO's Total
4 on 15M
2 on 40M
39 on 20M

8 "X" QSO's @ 5 points/QSO   = 40 Points

37 NON "X" QSO's @ 2 points/QSO = 74 Points

Total QSO Points   = 114

114 (Total QSO Points) X 7 (5 Watt Power Mult) = 798 Earned points
             + 1,000 Bonus (Battery operation) = 1,798 Total Score

I did work a total of 35 unique Area Codes, but as I understand
the rules, they don't count in the scoring.

I used my Argosy Digital and my 3 Element tribander at 33 feet.

Conditions seemed prety fair on 20M, 15M was really spotty, but,
as always, glad that I wandered up there.

A high point was working Jim, AL7FS. He was a good 559 here
in AZ. Seems as if we have some sort of pipeline going up there
to the great NW. I can almost always copy the VE8AT IARU 20M
beacon during the day, quite often at 1 watt levels.
Must all of those desert electrons tryin' to head for some nice
cool subartic air!

Thanks to our East Coast brethern for delivering a great fun Sprint!

Date: Sat, 22 Nov 1997 18:22:29 -0500 (EST)
From: K5BDZ@aol.com
To: leon@lfheller.demon.co.uk, qrp-l@Lehigh.EDU
Subject: [31139] Re: Benson's good & DC rcvr comments
Message-ID: <971122182229_-1206139921@mrin52.mail.aol.com>

Good for you Leon!
You've got your head screwed on straight and let in some very important information on the subject.
Thanks,
Bill, K5BDZ

Date: Sat, 22 Nov 1997 15:57:23 -0700
From: gsurrency@juno.com (Gary Surrency)
To: larsennc@alaska.net
Cc: qrp-l@Lehigh.EDU
Subject: [31140] Re: Dreaming de AL7FS
Message-ID: <19971122.162803.3438.0.gsurrency@juno.com>

Jim wrote:

>Band is still not open for QRP from Alaska at 2100Z. There are a few
>QRO stations down lower but only a few. There are no stations from
>14.058-14.065.
>
>I guess area code 907 will not make it into the Lower 48 logbooks
>today.
>
>73, Jim, AL7FS

Au contraire, mon frere! Worked ya' bubba, on 20m toward the end of the DOS 'test.
It was real hard to hear you between the atmospheric "fire", but with your patience and a lot of repeats - we got the job done! Thanks for putting in the extra effort Jim!

BTW, you were about 300 hz above my calling frequency.

I listened to WWV at 2118, SF was 100, A index 30 K index 4
Geomagnetic conditions active to major storm.

No surprise there.

vy 72 and tnx! Ya gotta a great pair of ears there man!

AB7MY
Gary Surrency
Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Sat, 22 Nov 1997 16:28:02 -0700
From: gsurrency@juno.com (Gary Surrency)
To: qrp-l@Lehigh.EDU
Subject: [31141] Doghouse Sprint 'test results
Message-ID: <19971122.162803.3438.1.gsurrency@juno.com>

Man, that was tough! Terrible atmospherics here, and weak signals except for WE6W, who almost knocked me outta my chair when he called me on 20m

Only worked from 2020 Z to the end, and jumped between 40m, 20m, and 15m. But it was still some fun, as I worked Zack, W1VT / KH6 on 15m and Jim AL7FS on 20m. Think I worked Bob N4BP, unless he got tired of me asking for repeats and moved on. I can't blame him; it was tough and I lost a couple of guys too. Sorry 'bout that fellas.

Here's what I used and the scores follow:

Rig: Kenwood TS-570D @ 5w on car battery
Antennas: 40m indoor dipole, 20m sloper, R7000 on 15m
Keyer: MFJ-452x keyboard

Start: 2020Z

20 m	rcv'd	ac	name
WE6W	599	707	ed
K1OJ	559	281	oj
AF9T	559	218	john
N4BP	449	954	bob (not sure about this one, never heard him QSL)
AB5UA	559	405	cliff
KE4UK	lost		
WD5ICQ	559	817	ted
K5ZTY	559	281	bill

N4DXW lost (what happened to ya, man?)
N0UR 559 612 jim
AL7FS 339 907 jim

40 m

K5ON 579 505 gary
W5VBO 559 602 brian
N1FN 539 303 marshall

15 m

KU4AF 559 919 john
W1VT / KH6 449 808 zack

End: 2200 Z

14 QSO's x 2 points x 7 (5 watt multi) + 1000 (battery power)= 1196 points

Sorry not to work all who called me, and I missed the LI/NYC/NJ/MD multipliers altogether. Shucks.

Thanks to Zack and Jim Larsen for being such good ops! ;-)

AB7MY
Gary Surrency
Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Sat, 22 Nov 1997 14:28:31 -0900
From: "Jim, Nancy, Juliann, Issei" <larsennc@alaska.net>
To: kfglynn@prodigy.net
Cc: qrp-l@Lehigh.EDU
Subject: [31142] LI/NJ-QRP DOGHOUSE de AL7FS
Message-ID: <34776A9F.1880@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

4 QSOs X 2 points each = 8
8 points X 5 watts multiplier of 7 = 56
56 + 1000 battery = 1056 total points.

Worked two area codes; no ACx

11/22/97 Freq all 14.06 CW 5 watts
Zulu
2144 abt77 339 339 602 Joe
2149 ab7my 339 459 602 Gary
2154 n4bp   339 599 954 Bob
2159 w5vbo 449 559 602 Brian

kb2je was 449 at the end of the contest but did not hear my three calls.

That is all. High Latitude absorption kept 20 meters near dead for QRP. ABTTT was in a fast QSB from 339 down to no copy, no tones and we had to wait out the QSB to finish. Took repeats to make contact. Same for N4BP. I am glad Bob could copy me 599.   ;-)

73, Jim, AL7FS
--
Jim Larsen, ex-WA0LPK
Acupressure Anchorage
ECKANKAR
Vision Recumbent
Anchorage, Alaska

Date: Sat, 22 Nov 1997 18:41:24 -0500 (EST)
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
To: qrp forum <qrp-l@Lehigh.EDU>
Subject: [31142] QRP Hall of Fame nominations still open
Message-ID: <Pine.BSI.3.96.971122183000.29148E-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just sent this off to KU7Y for insertion in the January issue of the QRP Quarterly. This is a reminder that the QRP ARCI is still accepting nominations from members for the QRP Hall of Fame. Those of you on qrp-l who are members and want to nominate someone, here's your chance to do it. For those who are not members, here's your chance to join up so you can nominate someone :-) And maybe in the future we'll even allow anyone to make nominations. The voting would still be done by the club, since it's a club award, but I don't see any reason why we need to restrict submission of nominations to members only. (Membership is not required for induction, of course; anyone can be nominated for and inducted into the QRP Hall of Fame.)

****

LAST CALL FOR QRP HALL OF FAME

As announced in the October issue, we are now accepting nominations for the QRP Hall of Fame for 1998. The deadline is the end of January. If you would like to nominate someone, please send me your nomination letter, and include a paragraph or two about them, giving justification and rationale why they deserve to be inducted into the QRP Hall of Fame. The October issue had a list of those who are already in the HoF and do not need to be nominated again. Nominations can be made by QRP ARCI members only, since this is a club award, but people need not be a member to be nominated or inducted. You can send it by e-mail or USPS, but if you don't get an acknowledgement back from me in a few days, please assume that I never got it and try again. I don't want to see anyone lose out on a chance to be inducted because someones nomination letter was never received!

****

73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net

Date: Sat, 22 Nov 1997 19:48:58 -0800
From: Ed <edn4pk@voyageronline.net>
To: qrp-l@Lehigh.EDU
Subject: [31143] Fox
Message-ID: <3477A7AA.50CD@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well here goes. As you might be able to tell I am new at this so please bear with me. I get the general drift of the Fox hunt and looked at the sched on the web page...But is there a predetermined freq. or band? And if so is there a basic starting point ?, such as 14.060 ?? I joined the Qrpl group basically to add another facet to my operating. Would also appreciate some info on the correct exchange. Dont want to look too dumb (or is tt sound). Been almost 20 years since my last Qrp work and tt was 10 meter mobile with a converted CB. Fun Worked DXCC in abt 3 months. Would appreciate any and all info tt can be passed along. Tnx and cu on the bands..Ed N4PK ..

Date: Sat, 22 Nov 1997 19:01:38 -0500
From: n2beg@juno.com (Douglas E. Stewart)
To: qrp-l@Lehigh.EDU
Message-ID: <19971122.190139.3518.0.n2beg@juno.com>

F-22 special event

I accidently deleted the post about the F-22 Special event station taking
place TODAY!
Anyone have the freqs/times??? Thanks in advance.

73z, Doug, N2BEG qrp-l # 850, etc...

End of QRP-L Digest 917
****